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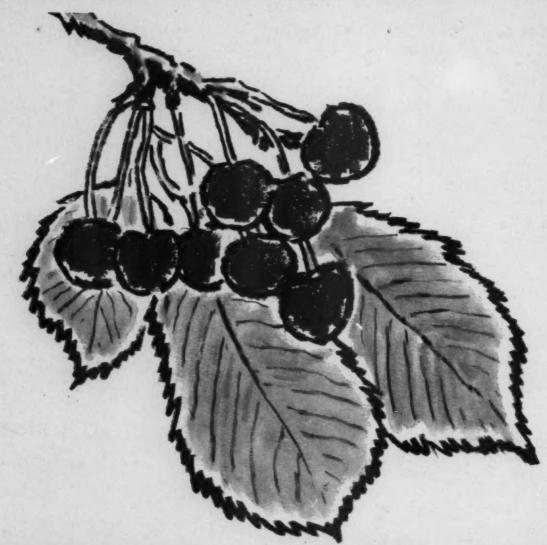
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A BUYING GUIDE ISSUE

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candy business

Dresel honored by German technical group

Hans F. Dresel, president of the American Association of Candy Technologists, has received an honorary membership in the Institute of Food Technology and Packaging of Munich, Germany, from the Institute's Industrial Management Division.

This honor has been bestowed upon Mr. Dresel because of his efforts toward attaining a closer international understanding of food technology problems. In both of Mr. Dresel's major activities, as founder of the American Association of Candy Technologists and as Chairman of the Production Conference of the PMCA, he has emphasized the need and desirability of international exchange of research information.

Evon buys Dye nut business

H. H. Evon Company, a nut packer and distributor of Chicago, has purchased the nut packing and distributing business of the Dye Candy Company of St. Louis.

Ann Raskas owned by Arkay

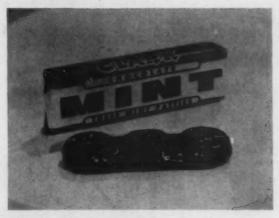
Ann Raskas Candy Company, manufacturers of coffee hard candy in St. Louis, has been taken over by a newly formed company, Arkay Candy Company. President is Louis Karpf, who was formerly in the clothing business. The Raskas sisters are still actively associated with the firm.

April candy sales up 5%

Candy sales for April are reported up 5% from April of last year by the Department of Commerce. wholesalers increased 3%, manufacturer-retailers increased 6% and chocolate manufacturers decreased with March being the only decrease. Manufacturer-This is the third month-to-month increase this year, 1% from the first four months of 1957.

Brown new P.A. at Clark

Clifford V. Brown has been named director of purchasing for D. L. Clark Co. He succeeds John A. Seibert who died recently after many years of purchasing for the firm. Brown has been with Clark for 18 years.



Clark changes mint bar

D. L. Clark has changed their mint bar from a rectangular shaped bar to one of three patties dipped together to form a continuous bar. A survey by the company showed that consumers did not eat this bar at one time, but tended to re-wrap it three or four times before finishing it. This new shape facilitates eating it in three bites, and keeps the cream center covered between times.

The package has also been redesigned to play down the Clark name, and to emphasize the mint flavor.

Stark's "Snirkle Sauce"

Howard B. Stark Company has started marketing "Snirkle Sauce" in a polythelyene squeeze tube. It is a caramel topping for ice cream, named after the firm's famous Snirkles caramels. The product had been sold around the firm's home territory of Milwaukee in glass jars, but has been a success over a wide territory in the tube. It is sold through the firm's regular sales staff.

Stewart's coffee roll by F & F

F & F Laboratories in making a private label coffee flavored hard candy roll for Stewart's Private Blend Coffee Company. It is used by the coffee company for promotional purposes, and their salesmen are making placements in retail stores and institutional customers where they normally call for coffee business. It retails for 10¢.

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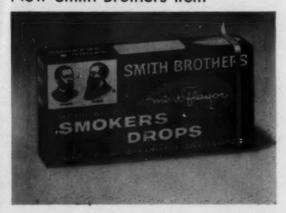
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Philly AACT sanitation meet

The Philadelphia section of the AACT will hold its annual Sanitation meeting on Thursday, September 18th. Herman Steerman, Esquire, will be the featured speaker and will discuss from the legal standpoint the rights and obligations of candy manufacturers in regards to city, state and federal pure food laws.

New Smith Brothers item



Smith Brothers has introduced a new product, Smokers Drops. These are mint flavored candy pieces, sold in a carton for 10ϕ .

Kaye rep for Lovell's toffees

S. L. Kaye Co., Inc. has been named American agents for Lovell's English Toffees.

New officers for PMCA

E. W. Meyers has been elected President of the Pennsylvania Manufacturing Confectioners' Association. Other newly elected officers are Clayton Minter, Jr., 1st Vice President, Robert F. Baker, 2nd Vice President, John Woodward, 3rd Vice President, Robert F. Keppel, Treasurer, and Alex McGlinchy, Secretary.

WCSA midyear meeting in N.Y.

The Western Confectionery Salesmen's Association has announced a breakfast meeting to be held during the National Candy Wholesalers Association convention. The meeting is scheduled for Tuesday morning, August 5th, at 8:30 at the Commodore Hotel in New York City.

Calendar

- July 6, 7, 8, 9; Associated Retail Confectioners Annual Convention, Mark Hopkins Hotel, San Francisco, Calif.
- July 6, 7, 8, 9, 10; National Confectioners Assn., Sheraton Palace, San Francisco, Calif.
- July 28-31: National Confectionery Salesmen's Assn. Convention, Hershey, Penna.
- July; National Confectionery Salesmen's Ass'n Convention, Hershey, Penna.
- August 3-7, National Candy Wholesalers Assn., Inc. annual meeting, Commodore Hotel, New York, N. Y.
- August 5: Western Confectionery Salesmen's Association, Breakfast Meeting, Commodore Hotel, New York City.
- August 11-13; Western Packaging & Materials Handling Expositon, Civic Auditorium, San Francisco
- August 12; Chicago Candy Production Club Golf Outing, Elmhurst Country Club, Elmhurst, Ill.
- August 12; Chicago Candy Production Club All-Industry Golf Tournament, Chicago
- August 24-27; Boston Candy Show, Boston, Mass.
- August 24-27; National Fancy Foods & Confections Show, Waldorf-Astoria Hotel, New York City
- Sept. 16; Chicago section AACT. Inland Sugar factory plant tour. Inland Sugar office, Chicago.
- September 21-23: Philadelphia Candy Show, Benjamin Franklin Hotel. Philadelphia
- December 13; National Food Sales Conference, Chicago, Ill.
- January 21 & 22: Manufacturing Confectioner Traffic Conference, Semi-Annual Meeting, New York City.

NEWSMAKERS

Package Machinery Company has appointed Harold Mosedale, Jr., vice president in charge of sales. He had been vice president in charge of engineering. L. P. Raubenheimer has been elected president of The National Paper Box Supplier's Association. He is president of Peter Partition Corp. H. Kohnstamm ., Inc., has announced their intention to build a r addition to the company's flavor plant that will ase production potential 200%..... Fred S. Carver Inc. has developed a new press in conjunction with Herman Bauermeister, with Carver selling it in the Americas and Bauermeister in other areas. . Nestle Chocolate Works has broken ground for a \$2,-000,000 addition which will be the 60th building to be erected at the plant in Fulton, N. Y. W. C. Smith & Sons, Inc. has appointed Allen T. Burry as representative in N. J., Eastern Pa., Del. and Md. He also represents Thomas S. Tarnato, Inc., and T. C. Weygandt Co. in this area. W. L. M. Bensdorp Company has appointed J. H. S. Cleerdin vice president. Union Starch and Refining Co. has appointed Hershel E. O'Shaughnessey vice president-marketing of Union Starch and Union Sales Corporation in Columbus, Ohio. Mr. O'Shaughnessey was formerly with Standard Oil of Indiana. Florasynth Laboratories has published a new wholesale catalog and price

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ANALYSIS and COMPOSITION

By Stroud Jordan, M.S., Ph.D.

and

Katheryn E. Langwill, M.S., Ph.D.

This volume, first published in 1946, is still the only published reference work on the subject of confectionery analysis. The pioneering work done by Dr. Jordan remains the standard in the field, making a second printing of his book necessary. This printing is in all respects identical to the first printing.

In assembling this volume reference is made to applicable methods. Where satisfactory methods of analysis are of general knowledge they are incorporated by reference. All specially developed methods and procedures are incorporated in detail.

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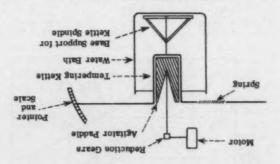


A study of viscosity increase due to solid fat formation in tempering chocolate coatings

BY WILLIAM DUCK
PMCA research chemist
Franklin & Marshall College

n order to carry out laboratory evaluations of the various factors involved in the production of chocolates it is desirable to control and measure the degree of temper or the percent of solid fat developed. Whymper (10) Easton et al (2) Meyers Graham (6) have developed and modified cooling curve methods for temper evaluation. With these methods one can compare the cooling curve from a tempered coating with some standard curve previously decided upon. Although the method is sensitive to differences in the amount of solid fat seed crystals present, and the method is sometimes used for production control no actual percent of solid fat developed can readily be calculated. Also for laboratory size batches the amount of sample necessary is too large. The method requires too much time so that with a small batch the temper will change before it can be determined. Hand tempering has been carried out for years by hand dippers who evaluate the degree of temper by skilled observation of which a large factor appears to be the change in viscosity. Kleinart (5) has mentioned the use of a viscometer for temper control but gave no details. We have developed a combination laboratory size tempering kettle-viscometer which both tempers chocolate and measures the percent solid fat developed.

Fig. I shows a diagram of the laboratory tempering kettle-viscometer which consists of a stainless steel 500 ml. beaker, three inches in diameter and four and one half inches deep. The agitator is a stainless steel paddle which turns inside the beaker with about one sixteenth inch clearance from the walls of the beaker. The center of the paddle is cut out in a deep V which allows a continuous interchange of the melted chocolate from one side of the paddle to the other assuring good mixing. The beaker is mounted on a spindle shaft which passes through two holes in a support. The support and beaker assembly rests in a thermostated water bath controlled to within 0.05°C. The beaker can rotate freely except that it is restricted by a coil spring through a cord which wraps around the beaker. The paddle agitator turns at a constant speed of 60 r.p.m. by an a.c. motor through reduction gears. When a sample of melted coating is Fig I Diagramatic represention of tempering lættle viscometer.

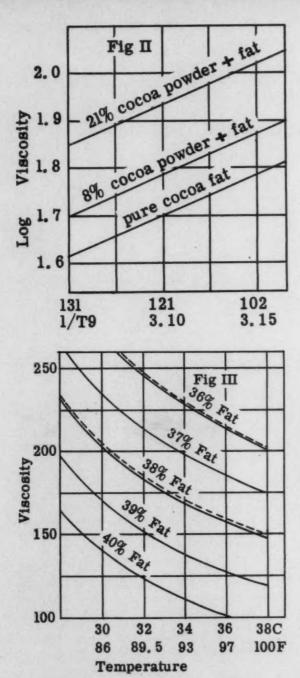


placed in the beaker the action of the agitator on the chocolate tends to turn the beaker. The force of the spring necessary to stop the beaker is a measure of the viscosity of the chocolate. This is indicated by a pointer fixed to the lip of the beaker which sweeps over a scale numbered from Zero to 260. With 238 grams of melted coating in the beaker the values indicated roughly equal one half MacMichel viscosity.

In previous work (1) we have found that the relationship between viscosity percent solids and temperature of sugar, cocoa and fat combinations is as shown in Fig. II with log viscosity plotted versus reciprocal of temperature. Here straight lines are related to the mathematical equation:

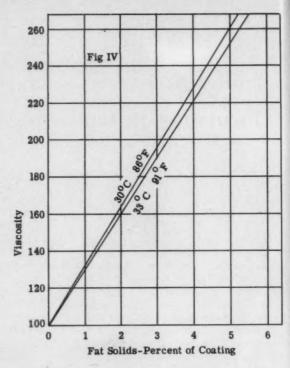
$$Log \ viscosity = \left(\frac{K}{Temperature} \times \frac{Energy}{1}\right) + C$$

where K + C are constants. The slopes of these lines are proportional to an energy value. This energy value is that necessary to displace a molecule of fat from other molecules of fat so that flow might take place. The fact that the slopes or energy values for suspensions in Fig. II are equal and equal to the slope of pure cocoa butter shows that fat molecules flowing along the surfaces of suspended coating particles are displaced from a layer of fat absorbed on the surface of the particles. Solid fat particles can then be expected to show these same flow properties, so that we can calculate the viscosity of a suspension of solid fat in liquid



fat at any temperature from a determination at another temperature. The viscosity of a constant amount of solid fat suspended in liquid fat can be expected to vary with temperature in the same way as a suspension of cocoa or sugar in liquid fat.

Fig. III shows viscosity, percent suspended solids relationship, plotted as viscosity versus temperature which is easier to work with than Fig. II. This plot is the result of actual determinations with our tempering kettle-viscometer. The solid lines of fig. III show how the viscosity of several coatings, differing only in percent fat, change with temperature. Fig. II and III are the results of the same



viscosity-temperature relations, thus the shapes and positions of the curves of Fig. III are due to the same energy relations discussed above.

Vaeck (8) and Steiner (7) showed that the equilibrium percent solid fat can be found in pure cocoa butter, using either a dilatometer or calorimeter. Steiner gave equilibrium percent cocoa cutter solids versus temperature values which we confirmed using a dilatometer. Using these values and a 40% cocoa fat coating we calibrated our tempering kettle viscometer to determine percent fat solids from viscosity. Following are selections from Steiners values in the range used.

Tempe	erature F	Percent solids based on fat	Percent solids based on 40% fat coating	
33.9	93.0	5%	2.0%	
35.5	92.2	- 10%	4.0%	
33.0	91.3	17%	6.8%	

A sample of melted coating in the tempering kettle viscometer at 30°C (86°F) was seeded with a small bit of solid coating and the viscosity allowed to increase. The coating was then warmed up to one of the above temperatures and held there until a constant reading was obtained. The coating was again cooled to 30°C (86°F) and the viscosity again allowed to increase, heated again to the same higher temperature. This was repeated until the same viscosity reading was obtained repeatedly at this higher temperature. The amount of solid fat present is the equilibrium percent fat given for this temperature by Steiner based on fat. The percent solid fat based on the total weight of coating is calculated. The viscosity value minus the viscosity before seeding at the same temperature is the viscosity due to this solid fat present.

On Fig. III the circled points are two of the viscosity values found. Because of the surface energy relations discussed above, a plot of viscosity versus temperature for constant amount of solid fat should conform to the plots for a constant amount of cocoa or sugar solids. Thus the viscosity values for the same amount of solid fat represented by the two points are found along the dashed lines of fig. III. Picking values from these dashed lines and plotting viscosity versus fat solids, fig. IV, straight lines are obtained. Thus if the viscosity increase due to solid fat at any temperature is multiplied times the correct factor the result will be the percent fat solids present in the coating. From the even spacing of the solid curves of fig. III one can see that the viscosity of a coating increases in the same direct proportion with increase of suspended sugar and cocoa solids. One can see also from fig. III that with the coating used in this work one obtains nearly the same viscosity values due to fat solids present in the liquid fat as with cocoa and sugar solids present.

This relation has a good theoretical basis. According to Einstein:

1-relative viscosity = constant x total solids. The relative viscosity in the case of a coating would be the viscosity of the coating divided by the viscosity of pure cocoa butter (one) is so much less than that of the coating (200) that the percent change of viscosity and relative viscosity is nearly equal, and the viscosity is so much larger than one that the percent change of viscosity and (1relative viscosity) is also nearly equal. Thus the viscosity given by this instrument times a factor equals percent solids within the error of ±0.1% solids, at least over the short range we need to work. The viscosity increase on our tempering viscometer at 30°C times the factor 0.0318 or at 33°C times 0.0327 equals the percent of the coating that is solid fat.

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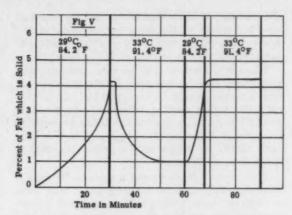
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Recent work by Finke (3), Heiss and Bartusch (4) have shown that viscosity of coatings will change due to agitation, that is they exhibit thixotropic or reopexic change. This was avoided, at least in calibration, by working with high fat coatings. A preliminary over-tempering to a very high viscosity also caused the thixotropic reduction of viscosity with little drift in readings after remelting.

This method has made possible the production of numbers of samples of tempered coating with reproducibly equal percents of solid fat seed. It should also be possible to adapt the principal of the method to production control of temper such as the suggestion by Kleinert of mounting a rotary viscometer in the feed reservoir from which the coating flows over centers being coated. However even though reproducible amounts of solid seed fat can be produced we have been able to demonstrate with this instrument that in the tempering range at least two types of solid fat can exist depending on the conditions leading to the formation of the solid fat.

Vaeck in his study of polymorphic forms of cocoa butter showed that there were several crystalline forms into which cocoa butter can solidify. There



are three unstable forms which can exist below 28°C (82.4°F) but above this temperature only the stable form can exist. He later confirmed the existence of an even higher melting form (9) which crystallized but only after prolonged agitation at 32°C (89.6°F). This would indicate that tempering a coating for a short time at 129°C (84.2°F) to 33°C (91.4°F) would crystalize but one form, the beta form of Vaecks earlier paper. If only one form did exist in this region then an amount of solid fat formed at 29C (84.2°F) equal to or less than the 17% which would exist at equilibrium with liquid fat at 33°C (91.4°F) would not melt when warmed to 33°C. With the tempering kettleviscometer it can be demonstrated that depending on the method of seeding that less than 17% solid fat can be formed at 29°C which will melt at 33°C.

Melted coating at 29°C in the tempering kettleviscometer was seeded by working a small amount of the melted coating on a glass plate at 21°C (70°F) with a very small speck of old solid coating until a paste is formed, and this paste was introduced into the coating in the tempering kettleviscometer. The coating was agitated until the viscosity increase indicated that 4.2% of the fat was solidified, Fig. V. The water bath temperature was quickly raised to 33°C. The coating also reached this temperature in about a minute and in twenty minutes the viscosity indicated that only about 1.0% of the fat was solid. The temperature was again lowered to 29°C and in 8 minutes there was again 4.2% solid fat present. Again the temperature was raised to 33°C. This time the viscosity indicated that there was 4.2% solid fat, that all the solid fat formed this time at 29°C remained at 33°C. At 33°C (91.3F) new fat crystal growth is very slow, that is the temper remains nearly constant for long periods. This is shown by the nearly flat plots at 33°C in Fig. V.

Thus there are two crystalline forms of solid cocoa fat possible in this temperature range, both of which will form at 29°C but only one of which is stable at 33°C. The lower melting less stable form is promoted by seeding with crystals formed at low temperatures. The higher more stable form is promoted by seeding with solid fat from which all of the lower melting point form has been melted. This is shown by the sequence of events when the coating was tempered the second time at 29°C

after heating to 33°C. This higher melting form can also be formed to the apparent exclusion of the lower by seeding with solid coating which has been first softened in an oven at 33°C.

These two fractions may be two more polymorphic forms such as described by Vaeck, in which case a coating should be tempered and cast so that only the higher melting form exists in the final candy. On the other hand these may be crystalline fractions as Whymper described and in this case both should be present in the proper proportions in the finished candy.

From a practical viewpoint it can now be readily seen that two methods of tempering, very slow cooling or sharp cooling with subsequent reheating, will not produce the same crystalline solid fat in a coating. The first is likely to produce a high percent of higher melting form while the second is likely to produce a large amount of the lower melting. A third tempering method, long agitation at some fixed temperature without seeding, is likely to give erratic results since seeding is likely from chance contamination from dust or cocoa powder in the air.

Although we have as yet no evidence as to which of the two forms should be present in properly tempered chocolate or if both are necessary we have a method for their detection and study which should lead to a better understanding of chocolate production. It is probable that we now have shown a new source of instability in chocolate in addition to that produced by combinations of the

polymorphic forms characterized by Vaeck. The less stable forms characterized by Vaeck can be avoided by not allowing the tempering chocolate to cool below 28°C (82°F) while differences of results can arise from the system we have described in the tempering range of temperatures frequently used.

SUMMARY

A laboratory tempering kettle-viscometer has been designed with which it is possible to measure and control the amount of solid fat developed in the tempering process. Methods for converting viscosity to percent fat solids and for conversion of readings from one temperature to another are given. The apparatus is used to demonstrate two forms of solid cocoa fat crystals which can exist at 29°, each of which can be produced or excluded by proper seeding techniques.

- (1) Duck, W. and Cross, R. Manu. Conf. page 14 July (1957)
- (2) Easton, N., Kelly, D. and Bartron, L. Food Tech. page 521, (1951)
- (3) Finke, A. Zucker und Susswaren-Wirtschaft, no 14, page 725 (1956)
- (4) Heiss, R. and Bartusch, W. Pette und Seifen Anstrich, 58, 868 (1956)
- (5) Kleinert, J. International Chocolate Review March (1954)
- (6) Meyers, and Graham, Manu. Conf. June (1952)
- (7) Steiner, E. J. Food Agiic. 6, Dec. (1955)
 (8) Vaeck, S. Inter. Choc. Review April (1951), Dec. (1951), Nov. (1952)
- (9) Vaeck, S. Zucker und Susswaren-Wirtschaft page 718 (1955)
- (10) Whymper, R. The Problem of Chocolate Fat Bloom Mfg. Conf. Publ. Co.

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Some aspects of the shelf life of candies

BY C. L. HINTON
The British Food Manufacturing Industries
Superintendent of Research

In what I am going to say and describe about the shelf life of candies I shall deal only with what we refer to as sugar confectionery, and not with chocolate and chocolate-like coatings, except perhaps incidentally. These latter are a subject in themselves, and questions of their shelf life could be discussed at an entire Session of the Production Conference—as indeed could those relating to sugar confectionery. For the sake of simplicity therefore I will use the term "candy" in this restricted sense.

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What is the most important ingredient of candy from the standpoint of shelf life? There is no doubt about the answer—water! Water is the fundamental ingredient as regards keeping quality in all products and from many different aspects. It is more important than all the other constituents, though its action, protective or harmful, involves them also. What they do in the matter of shelf life is simply to modify the action of the water.

When I refer to water as an ingredient I ought to make it clear from the start that I am speaking in the broadest possible sense, of both the presence and the absence of water. It is just as often necessary to take care of its absence, beyond a certain point, as it is to make sure of its presence in sufficient amount. Obvious examples of these two opposities can be seen in hard candy, where water is removed to a very low degree to prevent graining and stickiness; and in creams and fudges and so on, where a sufficiency of water must be left in the goods for proper texture and kept there to prevent drying out and hardening. In both cases, the problem of water in relation to shelf life resolves itself to a considerable extent into the question of how much water.

Fundamental Factors

Water exercises its importance in candy through its physical properties and the way in which these are modified by other ingredients and by changes of temperature. Chief among these properties are (1) its ability to dissolve sugars and other substances to definite extents; (2) the partial pressure of its vapour which becomes modified (i.e., reduced) when sugars and other substances are dissolved in the water; and (3) the considerable increase in its viscosity which occurs when sugars and other substances are dissolved in it. The magnitudes of these three properties are modified importantly moreover by differences of temperature. In fact it is often through changes of temperature that they operate to favour spoilage.

In the programme of the British Research Association, some thirty years ago now, it soon became evident that precise quantitative knowledge ought to be assembled on these fundamental properties of water and its solutions of sugars. I make no apologies for talking about a fundamental approach, and particularly for stressing that this approach must be based on the acquisition of the right quantitative information. Until we can measure the properties of materials with which we deal, we cannot formulate sound theories about the goods made from them; we cannot really go far towards predicting or controlling the behaviour of these goods on the shelf. The shelf life depends on these properties.

Following out this idea, an important part of the experimental work of the Research Association on candy problems over the years has been the accumulation of necessary quantitative data on the basic physical properties of solutions of sugars in water. This work has of course been conducted with due regard to the conditions in which the data come into the picture as far as candy is concerned. Because of this special slant it has been relatively easy to go a stage further and show the ways in which, and the extent to which, different forms of candy spoilage can be traced to the operation of the fundamental properties of water and sugar solutions.

Taking the properties mentioned in turn, I will give some idea of the results obtained and how they are likely to affect the chances of spoilage or a shortening of shelf life.

TABLE II

Effect of Corn Syrup or Invert on Solubility of Sucrose

First comes the question of solubility. The simplest case of course, and central to the whole subject in relation to candy, is that of sucrose, pure cane or beet sugar. Determinations of the solubility of sucrose at various temperatures have been made at various times over a long period by a number of workers, and unfortunately some figures which we believe to be slightly in error were perpetuated in the text-books for many years.

Percent Corn Syrup Solids or Invert Sugar in Solution	Percent Sucrose at Saturation (20°C)		
0	66.6		
20	51.4		
40	36.6		
60	22.6		

The fundamental data we obtained by a very simple method. If you take a solution of sucrose which is slightly super-saturated, and another which is slightly under-saturated, and stir into each of them a generous quantity of finely-powdered pure sucrose, leave them for a short time, and then filter off small portions, testing by refractive index, the two syrups very soon show identical readings. At that point you have obtained saturated solutions from opposite directions; they confirm one another. The refractive index gives the exact concentration. Care has to be taken of course about temperature and to prevent evaporation.

(With 40% or 60% of invert, the dextrose is in supersaturation, and under some conditions might crystallise, but we can neglect that for the moment.)

The figure so obtained for water saturated with pure sucrose at 20°C was a concentration of 66.6 per cent by weight (66.6° Brix). At lower or higher temperatures the figure goes down or up, though not very much. The following table gives the sugar strength of the saturated solution at a number of temperatures.

For convenience in working out the amount of sucrose dissolved in these mixed syrups, the data established as a result of this part of our programme have been given by Grover (J. Soc. Chem. Ind., 1947, 66, 201) in the form (for 20°C):

TABLE I

s = 1.994 -	0.339 (g +	i) + 0.038	$(q+i)^2$
u 4.001	0.000 (8	1) 1 0.000	(8 1 1)

Strength of Solutions of Sucrose Saturated at Different Temperatures

In this formula s is the number of grams of sucrose dissolved by 1 gram of water when g grams of glucose (corn syrup) solids and i grams of invert are also dissolved. (The units of weight can of course be anything you like.) This is the fundamental solubility equation for sugars in the syrup fraction of all ordinary creams, fudges, fondants, etc. From it can be derived all the properties of importance in relation to the texture and shelf life of the goods, so far as these are affected by the sugars in the syrup fraction.

Temperature	Percent Sucrose at Saturation
•C	
15	65.9
20	66.6
25	67.3
30	68.0

The Syrup Fraction of Fondant, etc.

Most forms of candy are composed to some extent of a solution of syrup of sugars and other substances. In creams, for example, about 50% of the entire sweet may be a syrup. This syrup is a solution of sucrose and the other sugars of the sweet (corn syrup solids or invert), and because there is a large surplus of solid sucrose crystal, the syrup is saturated with sucrose. Except in special types of candy, where there may be a possibility of surplus dextrose, the sucrose is the only ingredient in supersaturation; all the others are dissolved in the water remaining in the candy.

Because this syrup fraction is an important thing in relation to shelf life, as will be seen, a knowledge of its composition is very necessary. The composition can easily be worked out from the equation given on the assumption that all the corn syrup and invert sugar are in solution in the syrup, with the sucrose dissolved up to the saturation limit—the rest of course is the solid crystalline sucrose fraction. Once the composition of the syrup is known, we can apply our knowledge of the various properties of this syrup in relation to spoilage, as I shall show.

It is important to know the exact percentage of sucrose and other sugars present in this syrup. So our investigations had to be extended to find how much the sucrose solubility was affected by the other sugars. Mixtures of sucrose with varying proportions of corn syrup or invert were examined as before, or with a slightly modified technique for the more viscous syrups. The following Table shows how the sucrose solubility is depressed by the other sugars.

For one thing, the relative proportions of crystal and syrup forming the fondant mass follow at once. Some simple arithmetic, starting from the solubility equation, will show that the percentage, S, of syrup in the fondant at 20°C is given closely enough by the simple formula

S = 2.95M + 65r

(M = percent moisture in the fondant

r = ratio of corn syrup solids (plus any invert) to total sugar solids of the fondant)

From this it is easy to see how a small change in moisture content affects the proportions of syrup and crystal, as for example in Table III.

TABLE III

Proportions of Syrup and Crystal in Fondant as Affected by Water Content (20°C)

(Basic formula: corn syrup solids one-fifth of total sugar solids)

Water content	Syrup phase	Crystal phase	
%	%	%	
10	42.5	57.5	
11	45.5	54.5	
12	48.4	51.6	

Changes in these proportions due to changes in formula can obviously be worked out in the same way.

Again, the concentration of total dissolved sugars in the syrup phase can readily be ascertained. A simple transformation of the formula gives the concentration, T per cent, as

$$T = 100 - \frac{100 \text{ M}}{2.95\text{M} + 65\text{r}}$$

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This is an important result, since the resistance of the cream or fondant to spoilage by micro-organisms is considerably dependent on a sufficiently high value for T.

I said just now that these compositions depend on the assumption that all the corn syrup and invert sugar are in solution in the syrup. This is usually true, but in some types of confection with a large proportion of invert present, there may be a complication through crystallisation of some of the dextrose in the form of hydrate. To cover cases of this kind we applied our refractometric method, in a rather more complicated form, to finding the equation of invert solubility (really of course the solubility of the dextrose part of it). The equation, for 20°C, is:

$$i = 1.641 - 0.218s + 0.053s^2$$

Here, as before, s and i stand for units of sucrose and invert dissolved per unit weight of water. The equation holds for values of s greater than 0.2. It does not hold for mixtures in which excess of dextrose is present, though no doubt an approximate equation could be derived to meet such cases, since the one given for invert is really based on the dextrose half of the invert.

It should be noted that the temperature effect on solubility for dextrose is much more marked than for sucrose, as was established by the data of Jackson and Silsbee (Bureau of Standards Scientific Paper No. 437).

The solubility effects of minor ingredients are usually negligible. As a first approximation, in considering the solubility of sucrose, they can be included along with the invert and glucose; and in considering that of dextrose or invert, they can be included with the non-dextrose or non-invert sugars.

Vapour Pressure

Next comes the question of vapour pressure. This is important, as is well known, because candy with a vapour pressure below that of the surrounding atmosphere attracts moisture from it, and other types with a vapour pressure higher than that of the atmosphere lose moisture to it. Unfortunately it is just the types of candy which spoil when they attract moisture which have a very low relative vapour pressure; while those types which tend to harden and dry out are the ones with a high relative vapour pressure. It would be much more convenient if high-boiled candies tended to dry out, and creams and fudges tended to attract moisture and remain soft.

A knowledge of the vapour pressure of a candy is fundamental in assessing its shelf life prospects as conditioned by packaging, storage, etc. The relative vapour pressure can be determined directly, by means of the apparatus developed by Grover in the Research Association's laboratories (J. Soc. Chem. Ind., 1940, 59, 175); or by the method of Landrock and Proctor (Food Technology, 1951, 5, 332), which we have found can be used satisfactorily for the special case of high-boiled candies. Alternatively, the relative vapour pressure can be calculated by the formula of Money and Born (J. Sci. Food Agric., 1951, 2, 180), or by Grover's method (J. Soc. Chem. Ind., 1947, 66, 201) again developed as part of the Research Association's programme. Grover worked out the comparative effects of the different sugars on the vapour pressure, and his system of calculation is based on this. It is particularly suitable for soft goods, jellies, creams, marshmallow, etc.

When solid sucrose crystal is present, as in creams, it must be remembered that the vapour pressure is really that of the syrup fraction of the sweet, and here we come back to the solubility equation and the proportions of dissolved sugars in this syrup which govern the vapour pressure. The following Table illustrates the kind of effect which varying composition can have on the vapour pressure of creams.

TABLE IV

Relative Vapour Pressure of Creams as Affected by Composition (20°C)

	Composition	%		Relative Vapour Pressure
Sucrose	Corn Syrup Solids	Invert	Water	%
82	8	-	10	82.6
74	16	-	10	78.9
74	8	8	10	76.1

Viscosity

Third of the fundamental properties comes viscosity. Here our knowledge is less complete, since we have not yet carried our investigations into the region of high boilings. For the syrup fraction of soft goods, however, a complete range of data has been established covering various concentrations of the different sugars, and also the temperature effect. For simple solutions of sucrose, invert, and corn syrup solids the equations for the logarithm of the viscosity are straight lines:

Sucrose: $\log \eta = 0.01003 C - 1.669$ Invert: $\log \eta = 0.0075 C - 1.438$ Corn syrup solids: $\log \eta = 0.01088 C - 1.514$ (η is the viscosity in poises and C is the unit weight of sugars dissolved in 100 units of water.)

These equations hold at 20°C and for syrup strengths from about 67% to 77% solids. The results for several samples of corn syrup and a sample of potato glucose lay practically on the same line.

For sucrose, the effect of temperature (between 15° and 26°C) varies with the concentration, and is given by:

$$\begin{array}{l} \log \, \eta_{\rm t} = 0.01003{\rm C} - 1.669 + (20 - {\rm t}) \, (0.000111{\rm C} \, + \\ 0.011) \, + (20 - {\rm t})^2 \, (0.0000022{\rm C} \, + \, 0.00005) \end{array}$$

The temperature effect for invert can be by-passed by means of an interesting discovery which was made, that the effect of a given amount of invert, expressed as per cent by weight, on the viscosity is just equal to that which would be exerted by the percentage by weight of sucrose from which the invert is formed (i.e., 95% of its weight). A slightly less simple relation exists for corn syrup solids. Here the effect on the viscosity averages that of 104% of the same percentage weight of sucrose.

For mixtures of the three forms of sugars, it was found possible to calculate the viscosity by taking the logarithm of the viscosity for each sugar as if it were present at the total solids concentration (wt./wt.) of the syrup and calculating the mean logarithm in proportion to the amounts of each sugar present. Alternatively, use can be made of the above-mentioned simple relations between the viscosity effects of the sugars.

As an illustration of the very considerable effect of composition on the viscosity of the syrup fraction of creams and fondant, etc., I give Tables showing figures for creams of different basic compositions, from which it is easy to see the effect of increasing corn syrup or invert, and also the very big effect of water content.

As regards temperature, it may be said that a rise of 10°C roughly halves the viscosity of the syrup fraction, for all ordinary compositions.

Now I come to the different forms of spoilage and the part played by the factors I have been describing. It will be seen how their effects are

Viscosity of Syrup Fraction of Creams as Affected by Composition

			Viscosi	ty (20°C)
				of Syrup
	Composition of Cro			Fraction
Sucrose	Corn Syrup Solids	Invert	Water	(Poises)
76		12	12	7
70	_	18	12	13
76	12		12	16
70	18	-	12	38

all inter-related in controlling the behaviour of the candy.

Solubility and Spoilage

The first factor, solubility, for example, exerts its chief effect through the differences in vapour pressure to which it gives rise, and which I will discuss later. Nevertheless, direct solubility effects do operate at times. In the drying out of fondants and fudges, for instance, some of the dissolved sugar crystallises out as the water evaporates and this results in hardening. The amount of sugar coming out of the solution in this way when drying occurs, and so increasing the amount of crystal already present, is surprisingly high. A loss of 2% moisture from a fondant cream by drying, as can easily be worked out from the equations already quoted, increases the amount of crystal, relative to the syrup fraction, by about 27%, which means a considerable hardening and almost complete loss of mobility in the sweet.

So drying out, even to a quite small extent, must be prevented. Incomplete or damaged crystal coatings must be avoided, for one thing; but there are less obvious ways in which trouble can arise, involving both of the other factors of vapour pressure and viscosity.

A lower vapour pressure in the syrup fraction can substantially reduce the amount of water lost by drying out. Reference to Table IV shows that an increase of 8% in the corn syrup solids, for example, lowers the relative vapour pressure by nearly 4%, while if the extra corn syrup is replaced by invert, the vapour pressure is lowered nearly another 3%.

Viscosity can also come into the picture. The extra viscosity contributed by a higher corn syrup content, and to a less extent by a higher invert, must slow up the flow of moisture to the surface and its consequent evaporation. This is evident again from Table V above. In this respect corn syrup is much more effective than invert, as would be expected.

Vapour Pressure and Spoilage

We come now to the more direct effects of vapour pressure as a cause of spoilage. Here the level of the relative vapour pressure of the goods is the all-important thing as to the kind of spoilage likely and when it may occur. Goods such as marshmallows, fondant creams, marzipan, and some jellies, (except of course as covered centres) have

TABLE VI
Viscosity of Syrup Fraction of Creams as Affected

		Visco	sity (20°C)
			of Syrup
	Composition of Cream %		Fraction
Sucrose	Corn Syrup Solids	Water	(Poises)
76	12	12	16
78	12	10	26
70	18	12	38
72	18	10	69

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a rather high relative vapour pressure well above the relative humidity often prevailing in warehouses and stores. With them, unless the resulting movement of water from goods to atmosphere is prevented or slowed up considerably by crystallising or suitable packaging (restrictive but not entirely preventive of the passage of moisture), drying out and hardening or toughening will occur. Other goods, with lower relative vapour pressures, such as gums and liquorice, will be more resistant to drying out because nearer to the relative humidity of the storage atmosphere. Calculation or determination of the relative vapour pressure of the goods, as already discussed, affords the means for suitably conditioning the storage atmosphere. In this connection, the importance of avoiding temperature changes must be emphasized.

But the chief trouble arises with goods of a very low relative vapour pressure, below the relative humidity of the storage atmosphere, which means that the movement of water is from the atmosphere into the goods. These are the high-boiled candies and toffees. Note that these products are much more easily damaged by adsorption of water than are the softer classes of goods by loss of water. This is because with the soft goods an appreciable loss of water must take place from the whole sweet before much deterioration occurs; whereas with the high-boiled goods only a quite superficial deposition of moisture is required to initiate spoilage which becomes manifest as stickiness or graining.

Combined Effects of Vapour Pressure, Viscosity and Solubility

How are these very sensitive high-boiled goods to be protected? Suitable packaging to prevent movement of moisture is a necessity. Moisture proof wrapping is called for, overwrapping and, most protective of all, packing in sealed impervious containers such as tins or glass bottles. But also, the question of composition arises in an interesting way. It arises because it brings in not only the factor of vapour pressure but also the two other factors, viscosity and solubility. Other things being equal, a higher relative vapour pressure ought to be protective. What is best capable of providing this is a higher water content, but this is where the complications begin. The higher water content means that the glass-like solidified solution of sucrose has a lower viscosity. Because of this, although there is a smaller tendency for water to be adsorbed at the surface, the water which is adsorbed can penetrate inwards more easily. Not only that, but the lower viscosity affords less protection against the crystallising tendency of the supersaturated sucrose, and so more easily allows graining. So that a higher water content of the entire candy fails as a protective; it actually assists spoilage.

We go in the other direction therefore—a lower water content and a lower vapour pressure. Now we have the situation, if the water content of the candy is low enough, that the viscosiy is so enormous that the water attracted from the atmosphere cannot penerate. It remains on the surface and here dilutes the extreme surface layer of candy and increases its vapour pressure to a higher level. This higher vapour pressure exerted from the surface only is really protective-it does reduce the tendency to attract more water from the air-for a time. Sufficiently long perhaps for the candies to be wrapped and packaged. However, the condition is unstable, and eventually the water in this surface layer slowly begins to diffuse inwards (or sugar diffuses outwards). Whichever way it is, the concentration at the surface then increases again, the vapour pressure is lowered, the protection is lost and, if the opportunity is there from lack of protective packaging, more water begins to be attracted. Gradually, by repetition of this process, the sweet becomes sticky, and as water penetrates, graining may begin and proceed from the outside

So, in a hard candy with a sufficiently low water content, because of the operation of the viscosity factor a higher vapour pressure does become operative and protective. How long it remains so depends on the resistance to diffusion due to the viscosity. And because of the much bigger effect on viscosity of corn syrup solids as compared with invert, a hard candy from a corn syrup formula shows much more resistance in this way than one from an invert formula with the same water content.

Unfortunately we have as yet no precise data for the viscosity of hard candies. It would certainly be of interest to link up definite figures for viscosity with the rate of adsorption of water. However, it is clear that a viscosity as high as possible is desirable, and this is best obtained by a low water content and plenty of corn syrup.

Corn syrup in a hard candy is protective in three ways. Firstly, it raises the vapour pressure of the candy, compared with an equivalent amount of sucrose; so the initial tendency to attract water from the surrounding air is reduced. Secondly, it contributes a higher viscosity than the equivalent sucrose, and so extends the period for which the surface-layer effect of adsorbed water is protective. Thirdly, it reduces the supersaturation of the sucrose in the candy, so that when the water in the surface layer does begin to penetrate there is less tendency to graining. The three factors reinforce one another. From all three angles, the effects of corn syrup are positive.

When we come to invert boilings the picture is different. In the first place the invert lowers the vapour pressure and so increases the initial tendency to attract water. Secondly, it lowers the viscosity compared with the equivalent sucrose, and thus shortens the protective period of the surface layer. It does however have one benefit; like corn syrup it reduces supersaturation and therefore lessens the tendency to graining. Thus with invert we have opposing effects. With increasing invert we get the benefit of lower supersaturation, but the disadvantages of greater attraction for water and a lower viscosity resistance. The factors work against one another. It is obvious therefore that

for optimum resistance to spoilage in an invert boiling it is no good putting in more and more invert. There is a limit at which the most favourable balance of factors is obtained. This limiting invert concentration will vary according to water content, because obviously the opposing factors will not change equally in their effects when the water content shifts.

In this discussion I am of course comparing candies at the same level of water content. This is not the same thing as boiling to the same degree, since different amounts of corn syrup or invert affect the boiling temperature required for a particular final water content.

Other Aspects of Spoilage

Time does not permit of following all the other ramifications of the subject which flow from these fundamental aspects which I have been considering. All I can do is to indicate some of them just to extend the object lesson of the importance of the fundamentals.

There is the question of temperature changes, for instance, where inside a package you have a fall in temperature resulting in a rise in relative humidity of the air, because the water vapour present, which to begin with is in equilibrium with the vapour pressure of the goods, becomes temporarily related to a smaller absolute vapour pressure of water at the lower temperatue. If the fall in temperature is great enough, and the excess of water vapour cannot get out through the wrappings or get absorbed into the goods, the relative humidity may even rise to 100% saturation, and a film of water will begin to be deposited on the goods, causing all sorts of troubles, such as sweating, loss of gloss or crystal, or even development of mould. This last, apart from its own objectionable appearance when it can be seen, may even before that stage be in turn the start of another set of troubles, if fatty ingredients are present, such as rancidity, soapiness, etc.

Then there is texture and eating quality-closely bound up in the fresh goods themselves with the fundamentals of sugar solubility and viscosity, but only touched upon in this paper where they are affected by shelf changes such as drying out. These other qualities can all be studied profitably in the light of the basic data presented in this

There is the important matter of analysis and analytical control. The Research Association has always made a special feature of developing methods of analysis suitable for the control of keeping quality. These methods are based on the knowledge of what is required to produce candy which has the fundamental properties operating in a satisfactory manner. Basic to all the analysis is the simple determination of water content, on which we have published useful data; though even today an exact determination of water remains a somewhat elusive problem.

In conclusion, I am sure the Conference will forgive me if I have not referred to more immediately practical aspects such as formulas, or packaging. Packaging is a whole story in itself in relation to shelf life, and as highly important one, but even with this it is necessary to start from the fundamental properties of the goods to be packaged. And here again we reurn to the starting point, water, either as a desirable ingredient or a spoiler; for one of the important functions of the packaging is to keep the water where it belongs, either out or in or on the move in the right direction.



Robinson, Schaffer and Chapman speakers at NCA convention

Thomas C. M. Robinson, Assistant Chief of the International Resources Division, Department of State and Jacob M. Schaffer, Director, Food Industries Division, Department of Commerce will be panel members on the Chocolate Situation to be held Thursday, July 10 at the NCA convention. During the report on chocolate "The Grower's Point of View" will be presented by Mr. Daniel A. Chapman, Ambassador to the United from Ghana, the world's largest cocoa bean producing area.

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Philadelphia. This is the last of five installments of an article dealing with future planning of production processes and factory layout, with particular emphasis on new factory construction.

Your future factory

BY V. P. VICTOR, M.E., P.E.

Consulting Engineer, New York City

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Almost universally, the cost, scope and the necessary complexities of the mechanical and the electrical work are grossly underestimated. The belated and sobering discoveries of their magnitudes may have serious consequences on the economics and the progress of the project, as a whole.

One possible explanation is that these phases seemingly have no direct bearing on production, Nevertheless the fact remains that no machines and people can function without water, light, air, heat, power, etc. and the adequacy of these services influence, if not control altogether, the work output.

As a reminder and for the sake of clarity, the services are listed below.

- Air systems, comprising air conditioning, cooling, heating, drying, ventilation, exhaust (vapor, fumes, heat, solvents, odors, etc.), dust collecting.
- Refrigeration for process, air conditioning, ice boxes, water cooling.
- Water for process, sanitation, fire fighting, cooling, drinking, boiler feed, hot water, lawn, etc.
- Generation and distribution of high and low pressure steam (supply and condensate return) for process, heating and air systems.
- Besides boilers, fuel oil and gas may be required by the process, as for example by the baking ovens, Dowtherm, open fire cookers, roasters, etc.
- Compressed air for process, cleaning, automatic controls, pneumatically operated devices.
 Central type vacuum cleaning system could also be rated as a pressure (negative) air installation.
- Liquid sugar, corn syrup, liquid chocolate, milk, miscellaneous solutions and master mixtures.
- Dry materials, such as sugar, flour, starch, gum arabic, rice, coconut, etc.
- 9. "In process" syrups, slurries, solutions, etc.

All of the foregoing services require piping or conduits in order to receive, circulate or to distribute throughout the plant their medias.

Piping is also required, to a greater or lesser extent, at each machine or point of use.

The above groups, No. 6, No. 7 and No. 8 could be classified as materials handling. Because of the unavoidable piping or conduits, they are listed herein.

Proper storage facilities, apparatuses, pumps, meters, valves and ancillary equipment should be made of the best suitable materials and arranged in a most economical manner, i.e. shortest runs without sacrifice in effectiveness.

Machine mounting, supports and access or working platforms vary from utmost simplicity to an elaborate installation. Susceptibility to vibrations, unless counteracted by a well designed supporting structure, will introduce the most prolific source of difficulties with the machine operation, piping, etc.

Needless to say, only through a careful preparation (engineering and drafting) could the necessary capacities, sizes and locations of services be accurately determined, exact scope of each job clearly established, and the costs pared.

The significance of the foregoing could be accentuated by a statement that the cost of the installed services, including the electrical work, in a food plant runs from 25 to 35 percent of the total job.

XI. Electrical work

Electrical work in a factory consists of three parts—power for machine operation, electrical heating and lighting.

Editor's Note: V. P. Victor has an extensive background in process engineering, with particular emphasis on air conditioning, refrigeration and process heat exchange.

In his work with cardy menufecturers, he has had considerable experience in candy machinery development, process engineering and fectory layout.



Electrical power for all or any fraction (standby) of the above could be either generated (home made) or purchased from a utility company.

Diesel engines or steam turbines, for larger jobs, are used as prime movers for the power generation.

The planning could be divided into the following consecutive stages.

- Determine the power source and compile the loads, i.e. summation of all motors, heaters and lighting. The latter is based on the desired level of illumination in various areas.
- Study and establish the most economical—
 Voltage distribution and utilization, including the primary transformers and

2.2—Number, size and locations of the load center unit substations;

2.3-Number and location of power panels;

switch-gears;

2.4—Detailed data of each power panel; 2.5—Wiring of each power user, i.e. mot

2.5—Wiring of each power user, i.e. motor, heater, etc.

Similar procedure is followed for lighting, namely:

- 3. Presumably the total of all electrical lighting (fixtures, tubes, bulbs, etc.) has been determined for the above stage No. 1 and, hence, need only to be recapitulated.
- Determine the most economical and convenient:
 - 4.1—Number, size and locations of the transformers for lighting and 120 volts power;
 - 4.2—Number and locations of the lighting panels;
 - 4.3—Number of the lighting fixtures on one circuit and the positions of the switches;
 - 4.4—Exact type, description, etc. of each fixture. For the sake of clarity, a complete list or schedule of all lighting fixtures should be prepared.

Should a Diesel (or, in isolated instances, utility) stand-by power be desirable, proper method of transfer from the utility to Diesel power (or vice versa) must be carefully evaluated.

Selective manual or automatic means could be adapted.

Usually the stand-by power is not adequate to carry the entire plant.

Then, all equipment required to function (operated by the stand-by power) should be grouped together and connected to the load centers or power panels to be supplied from the stand-by source.

This equipment may be called "essential". All of the lighting and the bulk of ventilating equipment are classified as essential. In case of emergency, some of the essential equipment may be cut out and the "emergency" group (fire pumps) connected. The three step control provides for the full utilization of available power.

The load center type of power distribution has been outlined under No. 2 without any alternates because it is the least expensive and offers numerous advantages, namely—simplified and faster installation, flexibility, better voltage, greater reliability and safety. Its flexibility is manifested by four possible, but only two practical circuit arrangements:

 Radial system, which is usually the least expensive;

Secondary selective system, which is a slight modification of the radial system and is best suited for larger jobs.

 Primary selective system, while it somewhat simplifies maintenance, is seldom used;

4. Secondary network system incorporates greater reliability, but is much more complicated, costly and, hence, not warranted in by far the greater majority of the industrial plants.

In any plant all or some of the following features may be required:

Explosion proof motors, starters, wiring and lighting.

Exit and emergency lighting operated by bat-

Grounding of some equipment and of the entire building.

Special motors, etc. for specific duties.

Provisions for frequent changes in the size and location of power users.

Illumination of outside grounds, signs and displays.

Communication systems.

Electrically operated automatic temperature safety and alarm controls.

In conclusion, the availability of the detail schedules of the electrical equipment and of the working drawings covering all power and lighting wiring will expedite the job by eliminating any possible confusion or misunderstanding and, hence, will drastically lower the installation cost.

XII. Contracting

Without any exaggeration, one could say that contracts are the backbone of our civilization, as no commerce, exchange of goods, rendering of services, transportation, marriage, etc. could function without them.

Contracts are not drawn for the benefits or protection of only one participating party. To be effective and fair, the contract must be practical, accurate, free of ambiguities, impartial and binding or enforceable at law.

Competence, integrity, the "good faith to perform" and other imponderables cannot very well be translated into a written language.

Hence, the contracts must be formed within a rigid legal framework tested in courts.

An engineering contract consists of three major parts, namely:

 General Conditions which outline the legal rights, obligations, liabilities, damages, labor aspects, provisions for arbitration of disputes, conditions under which the work is to be carried out and the general business relations between the owner (buyer) and the contractor (vendor).

Certain discrepancies, omissions and errors are

apt to occur in the best of the drawings or specifications.

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Their correction falls in the category of "additional" work, which is legally recognized as the work necessary to complete the job.

On the other hand, the contractor may misconstrue or pervert the meaning of the contract and be required to correct the mistake.

Both potential sources of difficulties must be anticipated and provided for under "General Conditions". Same applies to the extra work, i.e. not included in the original contract.

 Scope of the Job which is illustrated by the drawings and supplemented by written descriptions. It must be recognized, however, that the most precise and voluminous text cannot possibly embrace all details, especially the workmanship.

The specifications must be free of any vague and doubtful data which will increase the highly uncomfortable element of the unknown for the contractor and, in turn, penalize the owner. In other words, a well prepared contract data, i.e. drawings and specifications, will obviate the necessity for the contractor to include sums of money to cover the uncertainties and thus will enable him to lower his bid.

In short, a good contract "guide book" will save money, expedite the job and provide for amicable relations between all participating parties—owner, architect, engineer, contractor and workmen.

 Terms of Payment embrace the basis on which the business will be transacted with the contractor.

There are three principal types:

3.1—Flat price or a "lump-sum" contract, under which the contractor for a definite sum of money agrees to furnish the labor and materials to carry out the outlined work. A variant—the "upset-lump-sum" contract is usually meaningless and is herein merely saluted in passing.

3.2—Percentage or "cost-plus" contract, under which the contractor will furnish the labor and materials required to complete the job and will be paid the incurred cost plus the agreed percentage of this cost.

3.3—"Cost-plus-fee" type of contract, as the name implies, assures the contractor his profit. The fee could be either a fixed amount or be placed on a sliding scale. The latter is used in numerous ways as incentives not to exceed the estimated cost, to expedite the job, achieve savings, etc.

On certain construction projects a varient of the "cost-plus-fee" contract has been used. Instead of the (total) cost, the unit costs have been substituted.

The unit costs are competitively established.

The flexibility (enlargement or curtailment) is the main feature of this contract.

The selection of the most suitable type of contract is governed by the extent of the preparatory work, size of the job, availability of competent supervisory personnel, and the economic considerations. Each type of contract offers certain advantages and limitations, too voluminous for this article.

One single general contract or a number of component contracts could be used. In the latter case the contracts are formed for each trade and may comprise—

a) Building, b) Piping, c) Sheet metal work, d) Electrical work, e) Refrigeration, f) Insulation, g) Painting, h) Moving and installation of existing and new equipment and others of more or less specialized nature.

Some of the above contracts could be further subdivided.

Doing business direct, i.e., without any intermediate parties, has certain merit and financial advantages.

The cost could be minimized if and when the owner acts as the general contractor. The project is then divided into three major sections, namely:

1. Architectural and engineering work,

2. Contracting and purchasing and

3. Erection.

The fact remains that even with one general contractor handling the entire project, the owner cannot possibly avoid a considerable participation in the first and third sections. The additional headaches caused by the taking on the balance of the work, will be handsomely compensated by the savings of at least ten percent.

For the sake of definiteness, it is highly desirable and advisable to incorporate into a contract the following provisions and features:

- Introduce an incentive or a bonus plan to promote personal direction, interest and the full support of all participating parties. For best results, their interests must be made to coincide.
- Clearly define and determine what constitutes the cost, overhead, profit, etc.
- Provide working basis and compensation for any possible changes, corrections, additions, extra work, overtime work, etc. during the construction.
- Establish the time element and the conditions of the start, duration, delays, stoppage, and completion of the job.
- 5. Cover the labor aspects, namely: The classification, jurisdictional disputes, working hours, local vs. out-of-town labor participation, etc. In reality, this phase is the responsibility of the contractor. Unfortunately, the owner may find himself in an awkward central position and, hence, should anticipate and provide for any situation, both legally and financially.
- Describe in detail the conditions of acceptance of any part and in full of the contract and the related manner of payments.

XIII. Erection

Any construction or remodeling job calls for prop-

er field supervision.

Depending upon the method of doing business (number, size and type of outside contracts or using the factory personnel) the owner should furnish his own supervisor either as a resident or visiting the job periodically.

Resident, or full time, supervision may be warranted on larger projects but is indispensable on any size job where the instructions (drawings and specifications) for the execution of the work are

inadequate.

Periodic, or part time, supervision is concomitant with the availability of clear and detailed instructions to the workers.

When the construction work starts, the office work abates. In view of this fact, the previously appointed project manager (see "V-Project Organization") could now take over the duties of the field supervisor but only as a part time job.

The resident supervisor should be regarded as a field representative of the project manager.

In order to get the best out of the ability and experience of each man, all suggestions should be welcomed, discussed and accepted or rejected by the people having authority and responsibility and then cleared through the project manager for action.

Among other duties of the field supervisor one could list the preparation of the cost records and of the progress reports, keeping track of the labor man-hours on the "cost-plus", extra and additional work and, in general, safeguarding the owner's interest and property.

The sequence or the order of doing various component construction jobs is extremely important and, hence, must be established and clearly under-

stood by all parties.

Lack of proper coordination will cause waste of time and materials, duplication of work and, which is most important, the loss of the momentum.

The start, concurrent work and completion of each job must be carefully timed. This will insure the occupation of allocated places by the corresponding equipment, avoid interferences and idleness, i.e. waiting for instructions.

Few concerns are in a position to put up a new plant and to purchase all new equipment.

The majority have to dismantle, move and reinstall some of their existing facilities.

Boasts have been made that huge plants have been moved in a matter of a few days. The actual time required to move and even to erect the machinery is small, provided all services (power, piping, etc.) have been readied beforehand and only the final connections remain to be made.

Once again, the greater the extent of the preliminary work the shorter will be the down time of the factory as a whole.

Certain, experience proven, procedures of transfer should be carried out.

First—all machines, motors, starters and other minor devices should be listed and marked with their identification letters and numbers. This will eliminate any subsequent confusion.

Second—the tags on all machines should indicate the final location in the new plant. This will eliminate sorting and double handling.

Third—most likely a number of machines will require overhauling and repairs prior to their reinstallation. There are a number of ways in which this deficiency (prolonged down time) could be counteracted.

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The equipment in this group must be evaluated from the viewpoints of the cost, time and feasibility of making the repairs as well as the end results.

Naturally the purchase of the new equipment offers the simplest solution but, like everything else, must be warranted.

After all machinery and services are erected, the final stage of starting up the production begins.

Cleaning, testing, adjusting, taking the bugs out, trial runs, etc. are not in reality the erection work.

Inasmuch as the skeleton crews of contractors remain to participate in this work and few, if any, production people are present, the starting up period is lumped together with the erection.

The plant start-up may entail last minute changes with attending "after costs" but go to the full

scale production without undue difficulties.

On the other hand, months may elapse before any production is turned out. Such unreasonable delays could be easily traced to the sanguine optimism manifested by the introduction of new methods and assumptions not previously borne out by tests or in practice.

A great deal of embarrassment and expense accompany the combination of the start-up and research with the whole new plant serving as a

laboratory.

XIV. Summary

The contents of this article are not necessarily indisputable.

Most of the specific subject matters have been outlined before in books and miscellaneous publications by the respective experts.

The attempt embodied in this presentation is to correlate, condense and bring up-to-date the portrayal of practices and principles underlying the modernization of an old plant or construction of a new one.

Of necessity, only generalities were dealt with herein. Emphasis was placed on the existence and the possible occurrence, rather than on the details, of various pitfalls and ramifications.

Efforts were exercised to present this data in a practical and readable form, and on a level of interest to everyone—the executive, production man,

technologist, consultant and student.

A good factory is the most important production tool in the hands of competent people. However, skill, experience and good will should be augmented by other organizational aids, some of which are practically indispensable. Production control, cost control, scientific purchasing, job rating, labor relations and other methods, systems and procedures will enable the new plant to function at its peak efficiency.

Useful statistics for candy makers

The following tables and mathematical data constitute valuable aids for candy technicians and others, and appear for the first time in The Manufacturing Confectioner's Blue Book. Numerous requests of subscribers for such data and information have caused our editors to scan numerous sources in search of tools useful in candy or food technical work. Great effort has been made to insure the correctness of the data presented. Because of the varied sources, no

acknowledgements are made. We make no claim to originality.

The Editors will deem it a pleasure to have your comments, favorable or otherwise. Perhaps, you have pet formulas or tables which would be helpful to confectionery industry workers. If so, we would especially like the privilege of presenting them to our readers.

BOILING POINT OF WATER AT VARIOUS ALTITUDES

Altitude in Feet	Boiling C.	Point F.	Altitude in Feet	Boiling C.	g Point
Sea Level	100.0	212.0	4500	95.3	203.6
500	99.6	211.2	5000	94.8	202.6
1000	99.0	210.2	5500	94.3	201.7
1500	98.4	209.2	6000	93.7	200.7
2000	97.9	208.3	6500	93.2	199.8
2500	97.4	207.4	7000	92.7	198.8
3000	96.9	206.4	7500	92.2	197.9
3500	96.3	205.4	8000	91.7	197.0
4000	95.8	204.5	8500	91.2	196.0

TEMPERATURE OF SATURATED STEAM

Gauge	Temperature		Gauge	Temperature	
Pressure lbs/sq. in.	°F.	°C.	Pressure lbs/sq. in.	°F	°C.
0	212.0	100.0	55	302.5	150.3
5	227.1	108.4	60	307.4	153.0
10	239.4	115.2	65	311.7	155.4
15	249.8	121.0	70	316.0	157.8
20	258.8	126.0	75	320.0	160.0
25	266.7	130.4	80	323.8	162.1
30	274.1	134.5	85	327.6	164.2
35	280.6	138.1	90	331.2	166.2
40	286.7	141.5	95	334.6	168.1
45	292.3	144.6	100	337.8	169.9
50	297.7	147.6			

Easy Method for Calculating Dilution or Concentration by the Pearson Square

Problem:

You have 36% acetic acid on hand but formulas call for 28% acid. How much distilled water should be added to two pounds of the acid on hand to reduce it to 28%?

Solution: (Fig. 1)

Draw a rectangle and diagonals and insert figures as indicated. A and B are the percentages of acetic acid in the water and the acid on hand. C is the percentage of acid desired. B minus C equals D. C. minus A equals E. Then for every 28 parts of the 36% acid, 8 parts of distilled water must be added. Two pounds or 32 ounces divided by 28 multiplied by 8 equals 9-1/7 ozs. Hence, add 9 oz. water to 2 lbs. of the 36% acid to get 41 ozs. of 28% acid.

Problem

You have 1000 lbs. of a light sugar syrup which tests 40% sugar (Refractometer or Brix). How much dry sugar must be added to this syrup to bring the sugar content up to 68%?

Solution: (Fig. 2)

Draw a rectangle and diagonals and insert figures

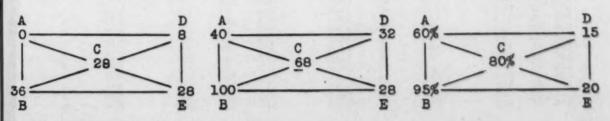
as indicated. A and B are the percentages of sugar in the syrup and dry sugar. C is the percentage of sugar desired in the finished syrup. B minus C equals D and C minus A equals E. Then for every 32 parts of the 40% syrup, 28 parts of dry sugar must be added, or 1000 divided by 32 multiplied by 28 or 875 lbs. of dry sugar. The total amount of 68% syrup will be 1875 lbs.

Problem

You have 16 ozs. of 60% alcohol and wish to prepare an 80% solution. How much 95% alcohol will be required?

Solution: (Fig. 3)

Draw a rectangle and diagonals and insert figures as indicated. A and B are percentages of alcohol. C is the percentage of alcohol desired in the finished product. B minus C equals D. C minus A equals E. Then for every 15 parts of the 60% alcohol, 20 parts of 95% alcohol must be added. Sixteen divided by 15 multiplied by 20 equals 21-1/3 ozs. of the 95% alcohol to be added. The total amount of 80% alcohol will be 37-1/3 ozs.



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OPTIMUM CONFECTIONERY AIR CONDITIONS

Temperature and humidity ranges are given in respective order, i.e. first temperature corresponds to first humidity.

Department or Use	Dry Bulb Temperature	Relative Humidity	Nonpareil pan supply air Hard candy cooling tunnel supply air		100-120 60-70		
Raw Material Storage: Nuts (insect) Nuts (rancidity) Eggs	45 34–38 30	6570% 8580% 8590%	Hard candy packing Hard candy storage Carmel rooms	57			
Chocolate (flats) Butter	60 20	50-55%					
Dates, Figs ,etc.	40-45 90-95	75-65%					
Corn Syrup Liquid Sugar Comfort air conditions	75-80 75-80	40-30% 60-50%	Typical Corr	Syrup		osition	
Processed Items:			Syrup	Regular	Inter- mediate	High	
Chocolate pan supply Enrober Room	55-62 80-85	55-45% 30-25%	Conversion	Acid	Acid	Acid	
Chocolate cooling tunnel supply air	40-45	95-80%	Baume'	43 19.7	43 19.05	43 18.9	
Hand Dipping	62	45%	Color) Loviband	.81	.55	1.3	
Moulded goods cooling Chocolate packing room	40-45 65	85-70% 50%	Heat Color) Series	2.7 42.6	2.37 51.8	3.0 54.6	
Chocolate finished stock storage Centers tempering room	50 75–80	50% 35-30%	pH	5.0	4.98	4.84	
Marshmallow setting room	75-78	45-40%	S 03 ppm Copper ppm	30	26.2	22.5 2.6	
Grained marshmallow (deposited in starch) drying	110	40%	Iron ppm Carbohydrates (as is)	3 80.1	3.22 80.8	2.75 80.8	
Gum (deposited in starch) drying	125-150	25-15%	Carbohydrates (dry basis)	99.7	99.7	99.7	
Sanded gum drying Gum finished stock storage	100 50-65	25-40% 65%	Dextrose (as is)	17.5 16.7	25.9 20.5	27.06 21.88	
Sugar pan supply air (engrossing)	85-105	30-20%	Higher Sugars (as is) Dextrines (as is)	16.2 29.7	10.95	10.76	
Polishing pan supply air Pan rooms	70-80 75-80	50-40% 35-30%	Viscosity (Centipoises)		8,970	9,090	

TEMPERATURE CONVERSION TABLE

The boldface numbers in the center columns represent the temperature in Centigrade or Fahrenheit degrees that it is desired to convert from one system into the other. The equivalent Fahrenheit temperature is found in the right-hand column, and the equivalent Centigrade temperature in the left-hand column.

C.		F.	C.		F*	C.		F*	C°		F.
- 40.0	- 40	- 40	0	32	89.6	20.0	68	154.4	60	140	284
- 34.4	- 30	- 22	0.56	33	91.4	20.6	69	156.2	66	150	302
- 28.9	_ 20	- 4	1.11	34	93.2	21.1	70	158.0	71	160	320
- 23.3	- 10	14	1.67	35	95.0	21.7	71	159.8	77	170	338
- 17.8	0	32	2.22	36	96.8	22.2	72	161.6	82	180	356
- 17.2	1	33.8	2.78	37	98.6	22.8	73	163.4	88	190	374
- 16.7	2	35.6	3.33	38	100.4	23.3	74	165.2	93	200	392
- 16.1	3	37.4	3.89	39	102.2	23.9	75	167.0	99	210	410
- 15.6	4	39.2	4.44	40	104.0	24.4	76	168.8	100	212	413
- 15.0	5	41.0	5.00	41	105.8	25.0	77	170.6	104	220	428
- 14.4	6	42.8	5.56	42	107.6	25.6	78	172.4	110	230	446
- 13.9	7	44.6	6.11	43	109.4	26.1	79	174.2	116	240	464
- 13.3	8	46.4	6.67	44	111.2	26.7	80	176.0	121	250	482
- 12.8	9	48.2	7.22	45	113.0	27.2	81	177.8	127	260	500
- 12.2	10	50.0	7.78	46	114.8	27.8	82	179.6	132	270	518
- 11.7	11	51.8	8.33	47	116.6	28.3	83	181.4	138	280	536
- 11.1	12	53.6	8.89	48	118.4	28.9	84	183.2	143	290	554
- 10.6	13	55.4	9.44	49	120.2	29.4	85	185.0	149	300	572
- 10.0	14	57.2	10.0	50	122.0	30.0	86	186.8	154	310	590
- 9.44		59.0	10.6	51	123.8	30.6	87	188.6	160	320	608
- 8.89		60.8	11.1	52	125.6	31.1	88	190.4	100	320	000
- 8.33		62.6	11.7	53	127.4	31.7	89	192.2			
- 7.78			12.2	54	129.2	32.2	90	194.0	-		
		64.4	12.2	55	131.0	32.8	91	195.8	Inter	polation F	actors
- 7.22 - 6.67	19	66.2 68.0	13.3	56	132.8	33.3	92	197.6	C.		F°
		69.8	13.9	57	134.6	33.9	93	199.4	0.56	1	1.8
- 6.11	21	71.6	14.4	58	136.4	34.4	94	201.2	1.11	2	3.6
- 5.56 - 5.00		73.4	15.0	59	138.2	35.0	95	203.0	1.67	3	5.4
- 5.00	24	75.2	15.6	60	140.0	35.6	96	204.8		3	
- 3.89	25	77.0	16.1	61	141.8	36.1	97	206.6	2.22	4	7.2
- 3.33	26	78.8	16.7	62	143.6	36.7	98	208.4	2.78	5	9.0
- 2.78	27	80.6	17.2	63	145.4	37.3	99	210.2	3.33	6	10.8
- 2.78	28	82.4	17.8	64	147.2	37.8	100	212.0	3.89	7	12.6
	29	84.2	18.3	65	149.0	43	110	230	4.44	8	14.4
- 1.67			18.9	66	150.8	49	120	248	5.00	9	16.2
- 1.11	30	86.0		67		54	130	266	5.56	10	18.0
- 0.56	31	87.8	19.4	07	152.6	94	130	200	3.30	10	10.0

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20% 55-40% 40-35% 40% 40%

> High Acid Enzyme

> > 43 18.5

.85 2.9 62.3 4.96 19.25

.975 1.8 81.5

99.7 29.88 27.44 12.88 11.6 7,350

DATA ON STANDARD SIEVES

Sieve No.	Sieve C	pening inches	Wire I	Diameter inches	Mesh pe	er square inch	Sieve No.	Sieve O	pening inches	Wire I	inches	Mesh 1	per square inch
5 10	4.00	0.157 0.079	1.12 0.76	0.044	2 3.5	5.0 9.2	100 120	0.149 0.125	0.0059	0.102 0.086	0.0040	40 47	101 120
20	0.84	0.0331	0.42	0.0165	8	20.2	140	0.105	0.0041	0.074	0.0029	56	143
30 40	0.59 0.42	0.0234 0.0166	0.33 0.25	0.0129 0.0098	11 15	27.5 37.9	170 200	0.088	0.0035	0.063	0.0025 0.0021	- 79	167 200
50 60	0.30 0.25	0.0117 0.0098	0.188	0.0074	20 24	52.4 61.7	230 270	0.062	0.0025	0.046	0.0018	93 106	233 270
70 80	0.21 0.177	0.0083 0.0070	0.140 0.119	0.0055 0.0047	29 34	72.5 85.5	325	0.044	0.0017	0.036	0.0014	125	323

CONVERSION FACTORS FOR U. S. MEASURES

To Convert From	To	Multiply By	Liters	Drams (fluid)	270.5
Centimeters	Inches	0.3937		Gallons Ounces (fluid)	0.2642 33.81
Cubic Centimeters	Deams (fluid)	A 070E		Pints (fluid)	2.113
Cubic Centimeters	Cubic Feet	0.2705 3.531445 x 10 ⁻⁸	THE PROPERTY.	Quarts (fluid)	1.057
	Cubic Inches	0.061023	Meters	Cubic Inches	61 00K
	Gallons	2.6417 x 10 ⁻⁴	Meters	Feet	61.025 3.2806
Cubic Feet	Cubic Centimeters	28317		Yards	1.093611
	Gallons Liters	7.481 28.316	Minims (Fluid)	Cubic Centimeters	0.06161
	Quarts (liquid)	29.922		Drams (fluid)	0.0167
Cubic Inches	Cubic Centimeters	16.387		Milliliters Ounces (fluid)	0.06161
Subic Auches	Gallons	0.004329	O (4		
	Liters (fluid)	0.016387	Ounces (Avoir)	Drams (Avoir) Grains	16 437.5
	Ounces (fluid) Quarts (liquid)	0.5541 0.017316		Grams	28.35
				Pounds (Avoir)	0.0625
Drams (Avoir)	Grains Grams	27.34 1.772	Ounces (Fluid)	Cubic Centimeters	29.57
	Ounces (Avoir) Pounds (Avoir)	0.0625		Drams (fluid) Gallons	8 0.0078
	Pounds (Avoir)	0.0039		Liters	0.0078
Drams (Fluid)	Millileters	3.697		Milliliters	29.57
	Minims (fluid)	60		Minims Pints (fluid)	480 0.0625
	Ounces (fluid) Pints (fluid)	0.125 0.007813	D . /2 e-11:		
			Parts/Million	Per Cent Milligrams/Kilogram	0.0001
Feet	Centimeters	30.48	11.00	Grains/Gallon	0.0584
Gallons	Liters	3.785		Grains/Pound	0.007
	Ounces (fluid) Pints (fluid)	128	Percentages	Grains/Gallon	584.2
	Quarts (fluid)	4		Grains/Pound Grams/Liter	70 10
	Cubic Inches	231	And Section	Milligrams/Kilogram	10000
	Pounds (Avoir). of Water at 62 F.	8.3378		Parts/Million	10000
Grains		Market Committee	Pints (Fluid)	Cubic Centimeters	473.2
srains .	Drams (Avoir) Grams	0.03657 0.0648	201700 7700	Drams (fluid) Gallons Liters	128 0.125
	Ounces (Avoir) Pounds (Avoir)	0.002286	1		0.4732
	Pounds (Avoir)	0.000143		Minims	7680
Grains/Gallon	Parts/Million	17.12	100 500	Ounces (fluid) Quarts (fluid)	16 0.5
	Milligrams/Kilogram	17.12	n - 1 / 1 - 1 \		
	Per Cent	0.00171	Pounds (Avoir)	Drams (Avoir) Grains	256 7000
Grains/Pound	Parts/Million	142.9		Grams	453.6
	Milligrams/Kilogram Per Cent	142.9 0.01429		Ounces	16
Grams			Pounds of Water	Cubic Feet	0.016033
orams	Drams (Avoir) Grains	0.5644 15.43	at 62 F.	Gallons	0.1198
	Ounces (Avoir)	0.03527	Quarts (Fluid)	Cubic Centimeters	946.4
	Pounds (Avoir)	0.002205		Drams (fluid) Gallons	256 0.25
	Grains/Gallon	58.42		Liters	0.9463
	Parts/Million Per Cent	1000		Ounces (fluid)	32
	(Weight/Volume)	0.1	40.00	Pints (fluid)	2
nches	Centimeters	2.54005	Tons, Long (Avoir)	Kilograms Pounds (Avoir)	1016 2240
			(Avoir)	Tons (Metric)	1.016
	Pounds (Avoir)	2.2046	Tons (Metric)	Kilograms	1000
Ciloliters	Cubic Feet	35.317	a one (meme)	Pounds (Avoir)	2205
Cilometers	Feet	3280.8	Tons, Short	Kilograms	907.2
	Miles	0.62137	(Avoir)	Pounds (Avoir)	2000

for July 1958 - 25

20% 55-40% 40-35% 40% 40%

High Acid Enzyme

43 18.5

18.5 .85 2.9 62.3 4.96 19.25 .975 1.8 81.5

99.7 29.88 27.44 12.88

11.6 7,350

esired to the equi-

F° 1.8

3.6 5.4 7.2 9.0 10.8 12.6 14.4 16.2 18.0

PHYSICAL CONSTANTS OF SUCROSE SOLUTIONS

Degrees Brix (percent by wgt. of sugar)	Degrees Baume Modulus 145	Index of Refraction at 68 F.	Specific Gravity 68 F./68 F.	Weight in Pounds of 1 U. S. gal at 68 F.
67.0	36.05	1.4579	1.3309	11.08
68.0	36.55	1.4603	1.3371	11.13
69.0	37.06	1.4627	1.3433	11.18
70.0	37.56	1.4651	1.3496	11.23
71.0	38.06	1.4651	1.3559	11.29
72.0	38.55	1.4700	1.3622	11.34
73.0	39.05	1.4725	1.3686	11.39
74.0	39.54	1.4749	1.3750	11.45
75.0	40.03	1.4774	1.3814	11.50
76.0	40.53	1.4799	1.3879	11.55
77.0	41.01	1.4825	1.3944	11.61
78.0	41.50	1.4850	1.4010	11.66
79.0	41.99	1.4876	1.4076	11.72
80.0	42.47	1.4901	1.4142	11.77

BULK WEIGHTS OF SOME CANDY INGREDIENTS

Ingredient Approximate	Pounds/Cubic Foot
Medium Coarse Sugar Manufacturers Sugar	53 51
Sanding Sugar Fruit Sugar	53 49 89
Corn Syrup Cocoa Beans	35 to 40
Chocolate (set) Cocoa masse (set)	80 68
Cocoa Butter (set) Cocoa Butter (hot liquid)	60 55
Cocoa Powder Distilled Water (60 F.)	35 to 38 62.35

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TYPICAL COMPOSITION OF MILK AND MILK PRODUCTS

	THE C	O O. O.					ODCCIO		
Product	Titra- Table Acidity	Fat	Milk Sugar Lactose	Other Sugar	Pro- tein	Min- erals	Mois- ture	Total Solids	Vitamins Present
Fluid Whole Milk	.16%	3.80%	4.75%		3.30%	.65%	87.50%	12.50%	A B1 B2 PP C D
Fluid Skim Milk	.17%	.10%	4.80%		3.60%	.70%	90.80%	9.20%	B1 B2 PP C D
40% Cream	.11%	40.00%	3.00%		2.00%	.50%	54.50%	45.50%	A B1 B2 PP C D
50% Cream	.105%	50.00%	2.45%		1.75%	.35%	45.45%	54.55%	A B1 B2 PP C D
Sweet Cond. Whole Milk	.40%	8.50%	10.50%	44.00%	7.50%	1.50%	28.00%	72.00%	A B1 B2 PP C D
Sweet Cond. Skim Milk	.55%	.50%	12.70%	47.50%	8.80%	2.00%	28.50%	71.50%	B1 B2 PP C D
Plain Cond. Skim Milk	.75%	.45%	16.20%		10.95%	2.40%	70.00%	30.00%	B1 B2 PP C D
Unsweet. Evap. Milk	.40%	7.90%	10.00%		6.60%	1.40%	74.10%	25.90%	A B1 B2 PP C D
Whole Milk Powder (28% Fat)	• .14%	28.20%	38.00%		25.80%	6.00%	2.00%	98.00%	A B1 B2 PP C D
Nonfat Dry Milk Solids	• .12%	.75%	50.50%		37.55%	8.20%	3.00%	97.00%	B1 B2 PP C D
Sweet Cream R.M. Powder	• .12%	5.00%	47.80%		35.90%	7.80%	3.50%	96.50%	A B1 B2 PP C D
				Lactic Acid	d				
Hi Acid R.M. Powder	* .50%	6.00%	40.10%	5.50%	35.80%	8.40%	4.20%	95.80%	B1 B2 PP C D
Milk Fat (Butteroil)	.00%	99.90%					.10%	99.90%	A CD
B1-Thiamine, B2-Riboflavin, PP-Nic	cotinic acid	(Niacin), C	-Ascorbic acid	d,* on recor	nstructed bas	sis.			

PROPERTIES OF POLYETHELENE, SARAN AND CELLOPHANE

	-										
	Film	Yield1	w.v.r.	Seal- Temp.	Cold Flex	Storage Conditions	Tensile ³ Strength	% Elon	Permea- bility ⁵ Oxygen	Permea- bility Nitrogen	Permea- bility CO ₂
Poly	1% Mil	22,500	.93	275-350°F	-72°F	no aging	L-2400	L-150-225	370	120	1840
	2 Mil	15,000	.70	275-350°F	-72°F	no aging	T-1350	T-350-390	275	90	1450
Saran	100 Gage	16,300	.20	(4)	0°F	no aging	L-7.000	L-20	34	.046	1.60
	(1 Mil) 150 Gage (1% Mil)	10,850	.14	(4)	0°F	no aging	T-15,000	T-40	.255	.035	1.20
Cellophane Plain	300 Gage (1 Mil)	21,500	Very Hig	h	Depends						
Moisture-		on type and Relative Humidity		on type	Good at 70°F	L-18,000	15-25	Dry-very low			
proof and Heat Seal	300 Gage (1 Mil)			45% R.H.	T-28,000		Moist-variable and higher				
	450 Gage (1% Mil)	14,625	.15,.75	200-300°F							

Yield—square inches/pound.
 Water Vapor Transmission—grams/100 sq. in./24 hrs. at 90% R.H. and 100°F.
 Tensile Strength—lbs./sq. in.
 Not heat sealable, electronic seal or coated label.
 Cas Transmission—cc at S.T.P./100 sq. in./24 hrs. and one atmosphere driving force.
 Data supplied by film manufactures.

Machinery and Factory Equipment

Tools and Utensils for the Manufacture of Confectionery

THE supply firms whose names appear in BLACK FACE TYPE LIKE THIS are using advertising space. They deserve your special consideration and preference, consistent with the values offered elsewhere.

The names of supply firms listed in smaller light face type like this are published WITH-OUT CHARGE and are compiled from their Registration Blanks which we have circulated freely throughout the confectionery supply \$2.42, or their names have been taken from sources we believe to be reliable. However, we assume no responsibility for errors or omissions. For a complete index of all products, see the detailed Products index at the back of this issue.

Trade Names are in Back Section of this Issue.

AIR COMPRESSORS

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Allis-Chalmers Mfg. Co., Milwaukee 1, Wis. CHOCOLATE SPRAYING CO., INC., 2025-39 W. Grand Ave., Chicago 12, Ill.—N. Y. Representative—John Sheffman, 152 W. 42nd St., New York 18, N. Y. The Nash Engineering Co., 388 Wilson Ave., South Norwalk, Conn.

The Powers Regulator Company, 3400 Oakton St., Skokie, Ill.

Worthburtan C.

Worthington Corporation, Harrison, N. J.

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Buffalo Forge Co., 490 Broadway, Buffalo 4, N. W. Carrier Corp., 300 So. Geddes St., Syracuse 1, N. Y. Chrysler Corp., Airtemp Division, 1610 Webster St., Dayton 1, Ohio.

Connecticut Blower Company, P. O. Box 884, Hartford,

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Conn.
Conn.
Drying Systems, Inc., 1800 Foster Ave., Chicago 40, Ill.
ECONOMY EQUIPMENT COMPANY, INC., Chicago 4, Ill.
N. Y. Rep. John Sheffman, 152 W. 42nd 5t., New York
36, N. Y.
Frick Co., Waynesboro, Pa.
Frigidaire Commercial & Air Conditioning Division, General Motors Sales Corp., Dayton, Ohio.
General Electric Company, 1 River Road, Schenectady 6.
N. Y.
General Engineering Meaning Management

N. Y. General Engineering Manufacturing Co., 4644 Gravols Ave., St. Louis 16, Mo.
Howe Ice Machine Co., 2825 W. Montrose St., Chicago, Ill. Niagara Blower Co., 465 Lexington Ave., New York 17, N. Y.

N. Y.
The Patterson-Kelly Co., East Stroudsburg, Penn.
Pittsburgh Lectrodryer Corp., 71 32nd St., Pittsburgh
30, Pa. 30, Pa.

Surface Combustion Corp., 2375 Dorr St., Toledo 1, Ohio
The Trane Co., 206 Cameron Ave., La Crosse, Wis.
Vilter Mfg. Co., 2217 S. First St., Milwaukee, Wis.
Wayne Pump Co., Ft. Wayne, Ind.
Westinghouse Electric Corp., Air Cond. Div., 114 Readville
St., Hyde Park 36, Mass.
York Corp., York, Pa.

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Barrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill. Buffalo Forge Co., 490 Broadway, Buffalo 4, N. Y. Carrier Corporation. 300 So. Geddes St., Syracuse 1, N. Y. W. B. Connor Engineering Corp., 500 Fifth Ave., New York 36, N. Y.

26, N. Y.
Drying Systems. Inc., 1800 Foster Ave., Chicago 40, 11l.
D. J. Murray Mfg. Co., Wausau, Wis.
Surface Combustion Corp., 2375 Dorr St., Toledo, O.
The Trane Co., 206 Cameron Ave., La Crosse, Wis.
York Corp., York, Pa.

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Meyer Machine Company, P. O. Box 5096, San Antonio, Tex. (Shelling)
Thos. Mills & Bro., Inc., 1301 N. 8th St., Philadelphia 22, Pa. Weigh Right Automatic Scale Co., Mills Road, Joliet, Ill.

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Blossom Mfg. Co., Inc., 915 Broadway, New York 9, N. Y. The Brown Bag Filling Machine Co., Fitchburg, Mass. Cleveland Lathe & Machine Co., 5400 Brookpark Road, Cleveland 29, Ohio Codle-Kay Co., Inc., 1139 San Julian St., Los Angeles 15, Calif. Detecto Scales, Inc., 540 Park Ave., Brooklyn 5, N. Y. Globe Heat Seal, Inc., 3380 Robertson Blvd., Los Angeles 34 Calif. 34, Cal.

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HAYSSEN MFG. CO., 1306 St. Clair Ave., Sheboygan, Wis.

A. C. Hills & Co., 790 Broad St., Newark 2, N. J.

Walter H. Kansteiner Co., Mchry Div. 1737 W. Howard St.,
Chicago 26, Ill.

Ketchpel Engineering Company, 1401 Palisade Ave., West
Englewood. N. J.

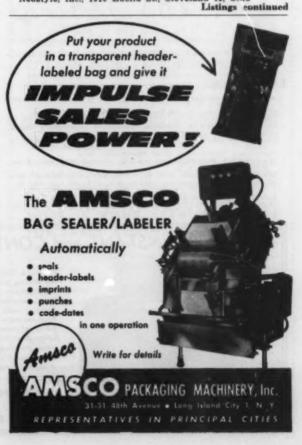
Lynch Corporation, 2304 Crystal, Anderson, Ind.

Mercury Heat Sealing Equipment Co., 2601 N. Howard St.,
Philadelphia 35, Fa.

Miller Wrapping & Sealing Machine Co., 18 E. Clinton St.,
Chicago 6, Ill.

Neostyle, Inc., 1010 Euclid St., Cleveland 15, Oxio

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PACKAGE MACHINERY CO., East Longmeadow, Mass.
Package Products Co., Inc., 1930 Camden Rd., Charlotte 1,
N. C.

N. C. Simplex Packaging Machinery, Inc., 534 23rd Ave., Oak-land, Calif.
Spee-Dee Packaging Machinery Corp., 1818 W. 74th St.,
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Stokes & Smith Co., Summerdale Ave., Philadelphia, Pa.
Stuyvesant Engineering Co., 107 Stuyvesant Ave., Lynd-

hurst, N. J.

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Ave., Chicago 35, Ili.
U. S. Automatic Box Machinery Co., Inc., 18 Arboretum Rd.,
Rosindale 3, Mass.
Weigh Right Automatic Scale Co., Mills Rd., P. O. Box
896, Joliet, Ill.
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Mercury Heat Sealing Equipment Co., 2601 N. Howard St., Philadelphia 23, Pa.

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Peters Machinery Co., 4700 Ravenswood Ave., Chicago 40, Ill. Chicago 5, 11.
Peters Machinery Co., 4700 Ravenswood Ave., Chicago 40, Ill.
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Woodman Co., 647 E. College St., Decatur, Ga.

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Potdevin Machinery Co., 1225 38th St., Brooklyn 18, N. Y.

Roto Bag Machine Co., 130 E. 13th St., New York 3, N. Y.

Simplex Packaging Machinery, Inc., 534 23rd Ave., Oakland

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weijs Mfg. Co., 220-9th St., San Francisco 3, Calif. (Hand) Wrap-Ade Machine Co., Inc., 83 Valley St., Belleville 9, N. J. Wright Machinery Co., Durham, N. C.
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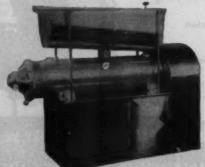
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Champion Machinery Co., Joliet, Illinois.
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Dayton Specialty Machine Co., 435 S. Patterson Blvd.,
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Hobart Mfg. Co., Pennsylvania Ave., Troy, O.
HOHBERGER MFG. CO.—John Sheffman, Representative,
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Thomas Mills & Brother, Inc., 1201 N. 8th St., Philadelphia 22, Pa.
NATIONAL EQUIPMENT CORP., 153 Crosby St., New York
12, N. Y. 12, N. Y.
THE E. T. OAKES CORP., 26 Commack Road, Islip, L. I.,

N. Y.
Peerless Confectionery Equip. Co., 158 Greene St., New
York 12, N. Y.
RACINE CONFECTIONERS' MACHINERY Co., 15 Park
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Read Standard Corporation, Inc., York, Pa.
SAVAGE BROS, Co., 2638 Glasys Ave., Chicago 12, III.
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SAVAGE BROS. CO., 2838 Gladys Ave., Chicago 12, fit.

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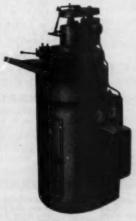
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for Coins, Cigarettes, etc.

JABEZ BURNS & SONS, 600 W. 43rd St., New York 34, SUPERMATIC PACKAGING CORP., 365 3rd Ave., Newnrk 7. N. Y. T. C. Weygandt Co., 165 Duane St., New Yok 13, N. Y.

CHOCOLATE MELTERS

ACME COPPERSMITHING CO., 2535 Maypole Ave., Chicago ACME COPPERSMITHING CO., 2535 Maypole Ave., Chicage 12, III.

Ben-Moore Mfg. Co., 3038 Atlantic Ave., Brooklyn 8, N. Y. Bucyrus Kettle Works, Inc., Bucyrus, Ohlo.

CARLE & MONTANARI, INC., 95 Temple Ave., Hackenanck, N. J.

J. W. GREER CO., Wilmington, Mass.

Groen Mfg. Co., 4535 Armitage Ave., Chicago 39, Ill.

H. H. Hubbert & Son, Inc., 1340 S. Ponca St., Baltimore 24 Md.

Walter H. Kansteiner Co., Machinery Div., 1737 W. Howard St., Chicago, Ill.
The McCarter Iron Works, Inc., E. Washington, Norris-MIKROVAERK Q AS, 32-38 Sdymarken Soborg, Copen-

hagen, Denmark ..
Thomas Mills & Brother, Inc, 1301 N. 8th St., Philadelphia 22, Pa.

22, Pa.

NATIONAL EQUIPMENT CO., 153 Crosby St., New York
12, N. Y.

The Patterson-Kelley Co., East Stroudsburg, Pa.

The Pfaudier Co., 1000 West Ave., Rochester 3, N. Y.

RACINE CONFECTIONERS' MACHINERY CO., 15 Park
Row. New York 38, N. Y.

SAVAGE BROS. CO., 2638 Gladys Ave., Chicago 12, Ill.

CHAS H. STEHLING COMPANY, 1303 N. 4th St., Milwaukee 12, Wis.

W. C. Smith & Sons, Inc., 2539 No. 9th St., Philadelphia
33, Pa.

THOUET MASCHINENBAU-AACHEN, Hickelweg 21,

Rhineland, Germany
T. C. Weygandt Co., 165 Duane St., New York 13, N. Y.

CHOCOLATE: Refiners

Baker Perkins Co., Inc., Saginaw, Mich. Bramley Machinery Corp., 880 River Rd., Edgewater, N. J. BUHLER BROTHERS, INC., 130 Coolidge Ave., Englewood. HANSELLA MACHINERY CORP., Grand & Ruby Aves., Pallsades Park, N. J. JABEZ BURNS & SONS, INC., 400 W. 43rd St., New York 36, N. Y.

CARLE & MONTANARI, 95 Temple Ave., Hackensack,

J. M. LEHMANN CO., INC., 546 New York Ave., Lyndhurst, NATIONAL EQUIPMENT CORP., 153 Crosby St., New York

JOHN SHEFFMAN, INC., 152 W. 42nd St., New York 36, THOUET MASCHINENBAU-AACHEN, Hickelweg 21, Rhine land, Germany

CHOCOLATE SHAVER

JABEZ BURNS & SONS, INC., 11th Ave. & 43rd St., New Walter H. Kansteiner Co., Mchry Div., 1737 W. Howard St., Chicago 26, Ill. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa. T. C. Weygandt Company, 165 Duane St., New York 18,

CHOCOLATE SPRAYING SYSTEMS

CHOCOLATE SPRAYING CO., 2027 W. Grand Ave Chicago 12, III.—N. Y. Rep.: John Sheffman, 152 W. 42nd St., New York 18, N. Y.

CHOPPERS: Hard Candy

CHOCOLATE SPRAYING Co., Chicago 12, Ill.—N. Y. Rep.: John Sheffman, 152 W. 42nd St., New York 38, N. Y. . . . Hobberger Mfg. Co., 3300 N. Kenneth St., Chicago 41, Ill. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.

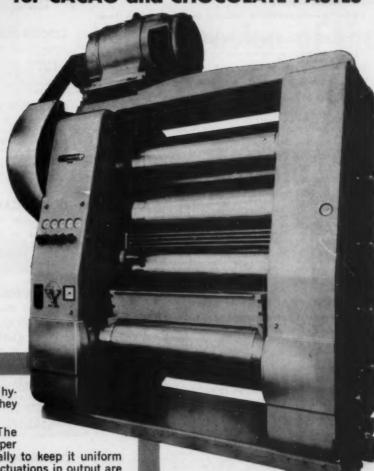
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Y. Rep.: Y. Y. 41, Ill. delphia

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CHOPPERS: Nut Fruit, Vanilla Beans, etc.

CARLE & MONTANARI, INC., 95 Temple Ave., Hackensack,

N. J.
Enterprise Mfg. Co. of Pa. 3d & Dauphin Sts., Philadelphia 33, Pa.
Food Machinery & Chemical Corp., Sprague Sells Div.,
Hoopeston, Ill.
Hobart Manufacturing Co., Penn Ave. & Simpson St.,
Troy, Ohio
Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill.
Meyer Machine Company, P. O. Box 5096, San Antonio 1. Texas

Texas s. Mills & Bro., Inc., 1301 N. 8th St., Philadelphia 22, Pa.

CLEANERS: Condy

NATIONAL EQUIPMENT Co., 153 Crosby St., New York, 12, N. Y.

CLEANERS: Cocoa Bean & Peanut

JABEZ BURNS & SONS, INC., 11th Ave. at 43rd St., New York 18, N. Y. Electric Sorting Machine Co., 410 - 44th St., Grand Rapids, Mich. Meyer Machine Co., P. O. Box 5096, San Antonio, Texas

CLEANING MACHINES: Floor, Electric

Breuer Electric Mfg. Co., 5100 Ravenswood Ave., Chicage 40, Ill. (and vacuum) 40, Ill. (and vacuum) Chicago Sanitary Products Co., 3100 S. Throop St., Chicago 8, Ill.

8, III. Clarke Sanding Machine Co., Muskegon, Mich. The Diversey Corp., 1820 Roscoe St., Chicago 18, III. General Electric Co., 1 River Rd., Schenectady, N. Y. Hild Floor Machine Co., 1217 W. Washington Blvd., Chicago 7, III.

Horn Co., Inc., 10th & 44th Ave., Long Island City N. Y.

1, N. Y.

Huntington Laboratories, Inc., 200 E. Tinton St., Huntington, Indiana
Kemiko Mfg. Co., 500 Chauncellor Ave., Irvington 11, N. J.
The Kent Company, Inc., 272 Canal St., Rome, New York
Klenzade Products, Inc., P. O. Box 1021, Beloit, Wis. Midland Laboratories, Inc., 210 Jones St., Dubuque, Iowa Pro-Tex-All Co., Inc., 223 N.W. Second St., Evansville 8, Ind. Sellers Injector Corp., 1600 Hamilton St., Philadelphia 30,

Pa. G. H. Tennant Co., 2530 N. 2nd St., Minneapolis 11, Minn. U. S. Sanitary Specialties, 1001 S. California Ave., Chicago 12, Ill.

CLEANING MACHINES: Steam

Chicago Sanitary Products Co., 3100 S. Throop St., Chicago 8, Ill.
The Diversey Corp., 1820 Roscoe St., Chicago 13, Ill.
Kemiko Mfg. Co., 500 Chancellar Ave., Irvington 11, N. J.
Klensade Products, Inc., P. O. Box 1020, Beloit, Wis.
Magnus Chemical Co., Inc., South Ave., Garwood, N. J. (pan)
Oakite Products, Inc., 36C Rector St., New York 6, N. Y.
Pro-Tex-All Company, Inc., 223 N.W. 2nd St., Evansville,
Ind. silers Injector Corporation, 1600 Hamilton St., Philadelphia 30, Penn.

CLEANERS STARCH: See Starch Cleaners

CLOCKS: Time Recording

The Bristol Company, Waterbury 20, Conn. General Controls Co., 801 Allen Avc.. Glendale 1, Calif. Simplex Time Recorder Co., Gardner, Mass. Stromberg Time Corp., 109 Lafayette St., New York 13, N.Y.

CLUSTER MACHINES (Nut)

CHOCOLATE SPRAYING CO., 2027 W. Grand Ave Chicago 12, III.—N. Y. Rep.: John Sheffman, 152 W. 42nd St., New York 18, N. Y.
Electric Sorting Machine Co., 410 - 44th St., SW., Grand Rapids, Mich.
HONTZ. MACHINE CO.,—Representative, John Sheffman, 152 W. 42nd St., New York 18, N. Y.
Waiter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, III. RACINE CONFECTIONER'S MACHINERY CO., 15 Park Row, New York 38, N. Y.

COATING MACHINES: Chocolate

Bramley Machinery Corp., 880 River Road, Edgewater, JABEZ BURNS & SONS, INC., 600 W. 43rd St., New York 36, N. Y.
CARLE & MONTANARI, 95 Temple Ave., Hackensack, N. J. CHOCOLATE SPRAYING CO., INC., 2025 W. Grand Ave., Chicago 12, Ill. J. W. GHEER CO., Wilmington, Mass. Hilliard's Chocolate Dipping Systems, 825 Main Street, So.

Weymouth Mass.

Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill.

J. M. LEHMANN CO., INC., Lyndhurst, N. J. NATIONAL EQUIPMENT CO., 153 Crosby St., New York 12, N. Y. W. C. Smith & Sons, Inc., 2539 No. 9th St., Philadelphia 32, Pa. T. C. Weygandt Co., 165 Duane St., New York 13, N. Y.

COCOA BEAN CRACKER and SEPARATOR

BUHLER BROTHERS, INC., 130 Coolidge Ave., Englewood, N. J.
JABEZ BURNS & SONS, INC., 600 W. 43rd St., New York
36, N. Y.
CARLE & MONTANARI, INC., 85 Temple Ave., Hackersnek, N. J.
J. M. LEHMANN CO., INC., 546 New York Ave., Lyndburst, N. J.
NATIONAL EQUIPMENT CORP., 153 Crosby St., New
York 12, N. Y.

COCOA BEAN ROASTING EQUIPMENT

The Bauer Bros. Co., 1734 Sheridan Ave., Springfield 99, Ohio.
JABEZ BURNS & SONS, 11th Ave. & 43rd St., New York 18, N. Y.
J. M. LEHMANN CO., 530 New York Ave., Lyndhurst, N. J.
PROBAT—Representative: John Sheffman, Inc., 152 W.
42nd St., New York 36, N. Y.

COCOA BUTTER PRESSES

Hermann Bauermeister G.M.B. Hamburg-Altona, Germany CARLE & MONTANARI, 95 Temple Ave., Hackensack, N. J.
FRED S. CARVER INC., 1 Chatham Road, Summit, N. J.
(also laboratory) (also laboratory)
HANSELLA MACHINERY CORP., Grand & Ruby Aves., Palisades Park, N. J. NATIONAL EQUIPMENT CORP., 153 Crosby St., New York 12, N. Y.

COCOA CAKE CRUSHER

The Bauer Bros. Co., 1784 Sheridan Ave., Springfield 99, Ohio CARLE & MONTANARI, 95 Temple Ave., Hackensack, N. J. The Jeffrey Mfg. Co., 875 N. 4th, Columbus 16, Ohio J. M. LEHMANN CO., INC., 546 New York Ave., Lyndhurst, N. J. Robinson Mfg. Co., Muncy, Pa.

Bramley Machinery Corp., 880 River Road, Edgewater,

BUHLER BROTHERS, INC., 130 Coolidge Ave., Englewood,

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COCOA MILLS

N. J. JABEZ BURNS & SONS, INC., 600 W. 42nd St., New York 36, N. Y. CARLE & MONTANARI, 95 Temple Ave., Hackensack, N. J.
The J. H. Day Co. Division, 4932 Beech St., Cincinnati 12, O.
HANSELLA MACHINERY CORP., Grand & Ruby Aves., Pallsades Park, N. J.

The Jeffrey Mfg. Co., 875 N. 4th, Columbus 16, Ohio
J. M. LEHMANN CO., INC., 550 New York Ave., Lyndhurst, N. J.

Pulva Corporation, 550 High St., Perth Amboy, N. J.

Pulverizing Machinery Division, 61 Chatham Read, Summit, N. J. Schutz-O'Neill Co., 307 Portland Ave., Minneapolis 15, Minn.

COCOA POWDER OUTFIT

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COCOA PRESS PADS or MATS

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COCONUT GRATING and THREADING MACHINE

Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.

CODE DATING

Acro Tool & Die Works, 4554 Broadway, Chicago 40, Ill. The American Perforator Co., 625 W. Jackson Blvd., Chicago 6, Ill.
The Bates Mfg. Co., 30 Vessey St., New York 7, N. Y. Floquil Products, Inc., Cobleskill. N. Y. Adolph Gottscho, Inc., Hillside 5, N. J. Listings continued



In spite of all efforts to stem it, INFLA-TION grows relentlessly, chipping steadily away at the profit margin. Economists seem agreed that the inflationary spiral will continue indefinitely.

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To you this should spotlight two urgent needs: (1) the necessity of replacing obsolete production equipment with the latest labor-saving units available and—(2) the advisability of doing it now,

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Most manufacturing plants, to some degree, still operate at higher-thannecessary costs because of relatively obsolete machinery. If you can say that this is not true of your plant, you are an exception.

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Ketchpel Engineering Co., 1401 Palisade Ave., West Englewood, N. J.
Kiwi Coders Corp., 4027 N. Kedzie St., Chicago 18, Ill.
Mark Andy Inc., 153 Argonne St., St. Louis 22, Mo.
Albert A. Mayer, 210 Francisco Ave., Little Falls, N. J.
Mercury Heat Sealing Equipment Co., 2601 N. Howard St.,
Philadelphia 33, Pa.
Robard Controller Co., Inc., 193-10 99th Ave., Hollis 23,
N. Y.

Scientific Filter Co., 57 Rose St., New York 38, N. Y. Standard-Knapp Division of Emhart Mfg. Co., 127 Main St., Portland, Conn.

COLLOID MILLS

Premier Mill Corp., 61 Gates Ave., Geneva, N. Y. J. S. Colloid Mill Corp., 5 Court Sq., Long Island City, N. Y.

CONDENSERS: Evaporative

Buffalo Forge Co., 490 Broadway, Buffalo 5, N. Y. Thomas Burkhard, inc., 494 Flushing Ave., Brooklyn 5, N. 1.
The E. W. Buschman Co., 4461 Clifton, Cincinnati 32, Ohio.
Cooler King Mfg. Co., 6013-17 13th Ave., Brooklyn 19, N. Y.
Drying Systems, Inc., 1800 Foster Ave., Chicago 40, Ill.
Frick Company. W. Main St., Waynesboro, Pa.
Food Machinery & Chemical Corp., Sprague Selis Div.,
Hoopeston, Ill.
Groen Mfg. Co., 4535 Armitage Ave., Chicago 39, Ill.
Howe Ice Machine Co., 2525 Montrose Ave., Chicago 18, Ill.
The Patterson-Kelley Co., East Stroudsburg, Pa.
The Pfaudler Co., 1000 West Ave., Rochester 3, N. Y.
F. J. Stokes Machine Co., 5500 Tabor Road, Philadelphia
20, Pa.
The Trane Company, 206 Cameron Ave., La Crosse, Wis.
The Vilter Manufacturing Co., 2317 S. 1st St., Milwaukee
7, Wis.
Worthington Corporation, Harrison, N. J. Worthington Corporation, Harrison, N. J.

CONGE (or Conche)

JABEZ BURNS & SONS, INC., 600 W. 42nd St., New York 36, N. Y. CARLE & MONTANARI, 95 Temple Ave., Hackensack, HANSELLA MACHINERY CORP., Grand & Ruby Aves., Palisades Park, N. J. J. M. LEHMANN CO., INC., 546 New York Ave., Lyndhurst, N.J.
MIKROVAERK A/S 32-38, Sydmarken, Soborg (Copenhagen) Denmark
National Equipment Corp., 152-57 Crosby St., New York
12, N. Y.
JOHN SHEFFMAN, INC., 152 W. 42nd St., New York 36, N. Y.
Solida Trading Company, Inc., 220 W. 42nd St., New
York 36, N. Y.
THOUET MASCHINENBAU, AACHEN, Hickelweg 21,
Rhineland, Germany
T. C. Weygandt Company, 165 Duane St., New York 13, T. C. N. Y.

Bramley Machinery Corp., 880 River Road, Edgewater,

CONVEYING & COOLING SYSTEMS:

Chocolate Coated J. C. Corrigan Co., Inc., 41 Norwood St., Boston 22, Mass.

ECONOMY EQUIPMENT COMPANY, INC., Chicago 8, III.

—Representative: John Sheffman, 152 W. 42nd St., New
York 38, N. Y.

J. W. GRIEER Co., Wilmington, Mass.

The Jeffrey Mfg. Co., 875 N. Fourth St., Columbus 16, Ohio.
Walter H. Kansteiner Co., Mehry Div., 1737 W. Howard St.,
Chicago 26, III.

The Kontro Co., N. Main St., Petersham, Mass.
Lamson Corporation, Syracuse 1, N. Y.
Link-Beit Co., 300 W. Pershing Rd., Chicago 9, III.

Meyer Machine Co., P. O. Box 6096, San Antonio, Texas
NATIONAL EQUIPMENT CO., 153 Crosby St., New York
12, N. Y. 12, N. Y.
RACINE CONFECTIONER'S MACHINERY Co., 15 Park Row, New York 38, N. Y. REFLECTOTHERM, INC., 26 E. University Ave., Cincinmati 19, 0. . C. Smith & Sons, Inc., 1539 No. 9th St., Philadelphia 33, Pa. The Trane Company, 3rd & Cameron Ave., LaCrosse, Wis. T. C. Weygandt Company, 165 Duane St., New York 13,

CONVEYING AND COOLING SYSTEM: Hard Candy

American Products Co., 1501 Lattimer Dallas 1, Texas OMOCOLATE SPRAYING CO., Chicago 12, III.—Representative: John Sheffman, 152 W. 42ad St., New York 30, N. Y. Cooler King Mfg. Co., 6013-17 13th Ave., Brooklyn 19, N. Y.

J. C. Corrigan Co., Inc., 41 Norwood St., Boston 22, Mass, HANSELLA MACHINERY CORP., Grand & Ruby Aves.,

HANSELLA MACHINERY CORP., Grand & Ruby Aves, Palisades Park, Ñ. J.
Walter H. Kansteiner Co., Mchry Div., 1737 W. Howard St., Chicago 26, Ill.
The Koutro Co., N. Main St., Petersham, Mass.
Link-Belt Co., 390 W. Pershing Rd., Chicago 9, Ill.
Lonberger Mfg. Co., 3300 N. Kenneth St., Chicago 41, Ill. nonberger Mfg. Co., 3360 N. Kenneth St., Chicago 9, Ill.
(starch)
NATIONAL EQUIPMENT CO., 153 Crosby St., New York
12, N.Y.
Pacific Coast Engineering Co., P. O. Drawer E, Alameda,
Calif.

Peerless Confectionery Equip. Co., 100 Green Peerless Confectioners Machinery Co., 15 Park RACINE CONFECTIONERS MACHINERY Co., 15 Park RACINE Voyle 38, N. Y. Row, New York 38, N. Y. REFLECTOTHERM, INC., 26 E. University Ave., Cincin-

nati 19, 0.

SAVAGE BROS. CO., 2628 Gladys Ave., Chicago 12, III.

VACUUM CANDY MACHINERY CO., 15 Park Row, New
York 12, N. Y.

CONVEYING AND COOLING SYSTEM: Solid Chocolate See also Tunnels: Cooling

Cooler King Mfg. Co., 6013-17 13th Ave., Brooklyn 19, N. Y. J. C. Corrigan Co., Inc., 41 Norwood St., Boston 22, Mass. BCONOMY EQUIPMENT CO., Chicago, Ill.—Representative: John Sheffman, Inc., 163 W. 42nd St., New York 36,

tive: John Sheffman, Inc., 163 W. 42nd St., New York 26, N. Y. Y. W. GREER CO., Wilmington, Mass. Jeffrey Mfg. Co., 875 N. 4th St., Columbus 16, O. Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, 111.

The Kontro Co., N. Main St., Petersham, Mass. Lamson Corporation, Syracuse 1, N. Y. AATIONAL EQUIPMENT Co., 153 Crosby St., New York

12, N. Y.
RACINE CONFECTIONERS' MACHINERY CO., 15 Park
Row, New York 38, N. Y.
REFLECTOTHERM, INC., 26 E. University Ave., Cineinnati 19, 0.

Smith & Sons, Inc., 2539 No. 9th St., Philadelphia W. C. Smith & Sons, and, 33, Pa.
33, Pa.
VAUUM CANDY MACHINERY CO., 15 Park Row, New York 12, N. Y.
T. C. Weygandt Co., 165 Duane St., New York 13, N. Y.

CONVEYORS: Pneumatic

Baker-Perkins, Inc., 1000 Hess St., Saginaw, Mich. BUHLER BROTHERS, INC., 130 Coolidge Ave., Englewood,

Convair, P. O. Box 9671, Pittsburgh 26, Pa. The Day Company, 810 Third Ave., N.E., Minneapolis 13,

Convair, P. O. Box 9671, Pittsburgh 25, Pa.
The Day Company, 810 Third Ave., N.E., Minneapolis 13,
Minn.
Great Western Mfg. Co., 208 Choctaw St., Leavenworth
Kans. (Spiral Steel)
Holly Pneumatic Systems, Inc., 215 E. 149th, New York
51, N. Y.

bi, N. Y. International Selling Corp., 70 Pine St., New York 5, N. Y. Ketchel Engineering Co., 1401 Pallsades Ave., Englewood, N. J.

N. J.
Lamson Corp., Syracuse 1, N. Y.
Market Forge Co., 35 Garvey St., Everett 49, Mass (Roller Skate Wheel)
Mathews Gravity Carrier Co., Ellwood City, Pa.
Meyer Machine Co., P. O. Box 5096, San Antonio, Tecas
Package & Equipment Development Co., 1450 W. Hubbard
St., Chicago 22, 111. PULVERIZING MACHINERY DIVISION, 61 Chatham Road,

Summit, N. J.

Read Standard Corp., 901 S. Richland Ave., York, Pa.

Robinson Air-Activated Conveyor Systems, 80 Fifth Ave.,

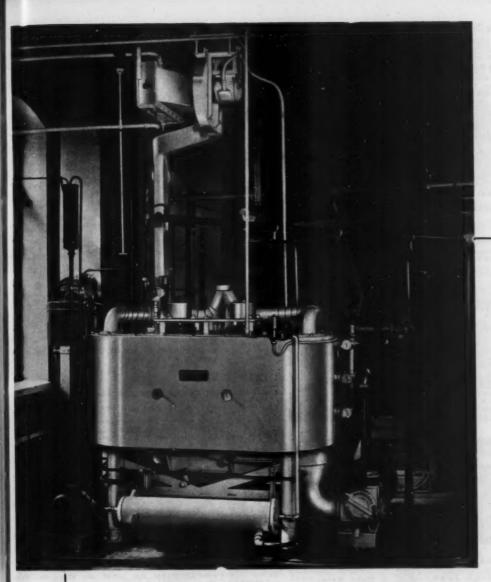
New York 11, N. Y. (for dry sugar, dry milk powder, New etc.)

CONVEYORS: Steel Belt

Berlin Chapman Co., Berlin, Wis.
The E. W. Buschman Co., 4461 Clifton, Cincinnati 32, O. Chain Belt Co., 1762 W. Bruce St., Milwaukee 4, Wis.
CHOCOLATE SPRAYING CO., INC., 2035-39 W. Grand
Ave., Chicago 12, Ill.
Cooler King Mfg. Co., 6013-17 13th Ave., Brooklyn 19, N. Y.
J. C. Corrigan Co., 41 Norwood St., Boston 22, Mass.
Great Western Mfg. Co., Leavenworth, Kansas.
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Hewitt-Robins, Inc., 666 Glenbrook Rd., Stamford, Conn. International Selling Corp., 76 Pine St., New York S, N. Y. Jeffrey Mfg. Co., 875 N. 4th St., Columbus 16, O.
Lynch Corporation, 2304 Crystal, Anderson, Ind.
Machinery & Equipment Corp., 533 W. Broadway, New York 13, N. Y.
MRM Company, Inc., 191 Berry St., Brooklyn 11, N. Y.
MRM Company, Inc., 191 Berry St., Brooklyn 11, N. Y.
MSyer Machine Co., P. O. Box 5696, San Antonio, Texas
Package & Equipment Development Co., 1450 W. Hubbard
St. Chicago 22, Ill.
RACINE CONFECTIONERS MACHINERY CO., 18 Park
Row, New York 38, N. Y.
Scientific Filter Co., 57 Rose St., New York 38, N. Y.
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VACUUM CANDY MACHINERY CO., 15 Park Row, New
York 35, N. Y.

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Continuous Conching with the MIKROVAERK Conche

The "missing link" in chocolate automation is now offered you. The MIKROVAERK Conche makes it possible to insert the conching process in the production flow of modern continuous chocolate manufacturing. One single passing of the chocolate mass through the MIKROVERK Conche guarantees a high conching grade, keeping the valuable aromatic qualities of the mass. By the special design of the conche, the choc-

olate mass is spread in a thin film over a number of rapidly rotating discs and subjected to an intensive air flow extracting the aqueous vapour and unwanted compounds. This proceedure, combined with a grinding effect, gives the conched mass the finest quality, flavour and consistency.

Capacity: 100 to 250 kilos per hour accord-

ing to consistency of the mass to be conched, and grade of conching desired.

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N. Y. Mass. sentark 36,

hicago

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N. Y.

worth York N. Y.

Roller Tecas abbard

k, Pa. Ave., owder,

32, O. Vis. Grand , N. Y. ss.

Conn. N. Y.

Y. Texas ubbard Park

Y. Chi-

, New

ner

CONVEYORS: Turn Tables

Baker Perkins, Inc., 1000 Hess St., Saginaw, Mich. The E. W. Buschman Co., 4461 Clifton, Cincinnati 32, Ohio. Chrisholm Ryder Co. of Penn., 218 Chestnut St., Hanover, Pa.

Chrisholm Ryder Co. of Penn., 218 Chestnut St., Hanover, Pa.
Cooler King Mfg. Co., 6013-17 13th Ave., Brooklyn 19, N. Y. J C.. Corrigan Co., 41 Norwood St., Boston 22, Mass. Doughboy Industries, Inc., New Richmond, Wis. ECONOMY EQUIPMENT COMPANY, INC., Chicago 9, Ill.—Representative: John Sheffman, 152 W. 42ad St., New York 36, N. Y.
J. W. GREER COMPANY, Wilmington, Mass. I amson Corporation, Syracuse 1, N. Y.
MRM Company, Inc., 191 Berry St., Brooklyn 11, N. Y.
NATIONAL EQUIPMENT Co., 153 Cresby St., New York 12, N. Y.
Package & Equipment Development Co., 1450 W. Hubbard St., Chicago 22, Ill.
The Rapids-Standard Co., Inc., 140 Trowbridge St., N. W., Grand Rapids 2, Mich.
Scientific Filter Co., 57 Rose St., New York 28, N. Y.
Standard Conveyor Co., N. St. Paul 9, Minn.
VACUUM CANDY MACHINERY CO., 15 Park Row, New York 38, N. Y.
VOSS BELTING & SPECIALTY CO., 5645 N. Ravenswood, Chicago 26, Ill.
The Woodman Co., Inc., 647 E. College Ave., Decatur, Ga.

COOKERS: (Continuous)

Berlin Chapman Company, Berlin, Wis.

JABEZ BURNS & SONS CO., 400 W. 43rd St., New York

36, N. Y.

CARLE & MONTANARI, INC., 95 Temple Ave., Hackensack, N. J.

The Girdier Corporation, Votator Division, Louisville 1,
Kentucky.

Groen Mrg. Co., 4535 Armitage Ave., Chicago 39, Ill.

HANSELLA MACHINERY CORP., Grand & Ruby Aves.,
Palisandes Park, N. J.

HOHBERGER MFG. Co.,—John Sheffman, Representative,
152 W. 42nd St., New York 18, N. Y.

Walter H. Kansteiner Co., 1737 W. Howard St., Chicago
26, Ill.

NATIONAL EQUIPMENT CO., 153 Crosby St., New York
12, N. Y. NATIONAL 2401.
12, N. Y.
The Kontro Co., N. Main St., Petersham, Mass.
The Patterson-Kelley Co., Inc., East Stroudsburg, Pa.
Peerless Confectionery Equipment Co., 158 Gene St., Peerless Confectionery Equipment Co., 158 Geene St., New York 13, N. Y. RACINE CONFECTIONERS' MACHINERY Co., 15 Park Row, New York 38, N. Y. Rodney Hunt Machine Co., 33 Vale St., Orange, Mass. Rodney Hunt Machine Co., 33 Vale St., Orange, Mass. VACUUM CANDY MACHINERY CO., 15 Park Rew, New York 38, N. Y.

COOKERS: Steam Jacketed

ACME COPPERSMITHING CO., 2535 Maypole Ave., Chicago 12, III. ALUMINUM COOKING UTENSIL CO., INC., New Kensington, Pa Thomas Burkhard, Inc., 474 Flushing Ave., Brooklyn 5, N. Y. N. Y. CARLE & MONTANARI, INC., 95 Temple Ave., Hackensack, N. J.
Cherry-Burrell Corp., 427 W. Randolph St., Chicago 6, Ill.
D. C. Cooper Co., 1467 S. Michigan Ave., Chicago 5, Ill.
Food Machinery & Chemical Corp., Sprague Sells Div.,
Hoopeston, Ill.
The Girdler Co., Votator Div., 224 E. Broadway, Louisville 1, Ky.
Groen Mig. Co., 4535 Armitage Ave., Chicago 39, Ill.
HAMILTON KETTLES, Div. Brighton Corp., 520 State
Ave., Cincinnatt 4, O. HANSELLA MACHINERY CORP., Grand & Ruby Aves., Palisades Park, N. J. Walter H. Kansteiner Co., 1787 W. Howard St., Chicago 26, Ill. 26, II. Moore & Co., 173 Estes Ave., Chicago 26, III. Kenneth J. Moore & Co., 1778 Estes Ave., Chicago 26, III. The Kontro Co., N. Main St., Petersham, Mass.

NATIONAL EQUIPMENT CORP., 163 Crosby St., New York 12, N. Y.
The Patterson-Kelley Co., Inc., East Stroudsburg, Pa. Peerless Confectionery Equipment Co., 158 Greene St., New York 13, N. Y.
The Pfaudler Co., 1000 West Ave., Rochester 3, N. Y.
RACINE CONFECTIONERS' MACHINERY CO., 15 Park Rew, New York 38, N. Y.
Rodney Hunt Machine Co., 23 Vale St., Orange, Mass.
SAVAGE BROS. Co., 2638 Gladys Ave., Chicage 12, III.
Tippett & Wood, 152 Howard St., Philipsburg, N. J.
VACUUM CANDY MACHINERY CO., 15 Park Rew, New York 38, N. Y.

COOKERS: Open Fire

ACME COPPERSMITHING Co., 2535 W. Maypole Ave., Chiengo 12, Ill. Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn 5, N. Y. ter H. Kansteiner Co., 1737 W. Howard St., Chicago 28, Ill. Krispy Kist Korn Machine Co., 120 S. Halsted St., Chicago 6, Ill. Thos. Mills & Bro., Inc., 1301 N. 8th St., Philadelphia 22, Pa.
SAVAGE BROS. Co., 2838 Gladys Ave., Chicago 12, Ill.
VACUUM CANDY MACHINERY CO., 15 Park Row, New
York 38, N. Y.

COOKERS: Vacuum

ACME COPPERSMITHING CO., 2535 W. Maypole Ave., Chicago 12, 11l.

Baker Perkins Co., Saginaw, Mich. A. Berry Copper Works, Inc., 217 West Broadway, New York, N. Y. Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn § JABEZ BURNS & SONS, INC., 11th Ave. & 43rd St., New

York 36, N. Y. CARLE & MONTANARI, INC., 95 Temple Ave., Hackensack N. J. Cherry-Burrell Corp., 427 W. Randolph St., Chicago 6, Ill Groen Mfg. Co., 4535 Armitage Ave., Chicago 39, 111. HAMILTON KETTLES, Div. Brighton Corp., Inc., 820 State

St., Cincinnati 4, O.
HANSELLA MACHINERY CORP., Grand & Ruby Aves
Philandes Park, N. J.

John Sheffman, Inc., 152 W. 42nd St., New York 36, N. Y. Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, 111.

The Kontro Co., N. Main St., Petersham, Mass.
NATIONAL EQUIPMENT CORP., 153 Crosby St., New
York 12, N. Y.
The Paterson-Kelley Co., Inc., East Stroudsburg, Pena.
Peerless Confectionery Equip. Co., 158 Greene St., New
York 12, N. Y.

York 12, N. Y.

The Pfaudier Co. 1000 West Ave., Rochester 3, N. Y.

RACINE CONFECTIONERS' MACHINERY CO., 15 Park
Row, New York 38, N. Y.

Rodney Hunt Machine Co., 23 Vale St., Orange, Mass.

SAVAGE BROS. CO., 2638 Gladys Ave., Chicago 12, Ill.

VACUUM CANDY MACHINERY CO., 15 Park Row, New
York 38, N. Y.

Tippett & Wood, 162 Howard St., Phillipsburg, N. J.

COOKERS AND COOLERS: Crystal

Thomas Burkhard, Inc., 434 Flushing Ave., Brooklyn & N. Y. Groen Mfg. Co., 4535 Armitage Ave., Chicago 39, 111. Kenneth J. Moore & Co., 1778 W. Estes Ave., Chicage 26. III. 26. III.
NATIONAL EQUIPMENT CORP., 153 Crosby St., New York 12, N. Y.
RACHNE CONFECTIONERS' MACHINERY CO., 15 Park Row, New York 38, N. Y.

COOLER: Chocolete

CARLE & MONTANARI, INC., 95 Temple Ave., Hackensack, N. J.
Jooler King Mfg. Co., 6013-17 13th Ave., Brooklyn 19, N. Y.
He Girdler Co., Votator Div., 224 E. Broadway, Louisville 1, Ky. The Girdler Co., Votator Div., 221 E. Broadtay, ville 1, Ky.

J. W. GREER COMPANY, Wilmington, Mass.,

Jeffrey Mfg. Co., 875 N. 4th St., Columbus 16, O.

The McCarter Iron Works, Inc., E. Washington, Norris-

NATIONAL EQUIPMENT CORP., 153 Crosby St., New York

12, N. X.
Oringer Manufacturing Co., Ano.,
9, Mass.
Reco Products Division. Refrigeration Engineering
Corp., 150 Nassau St., Philadelphia 46, Pa.
W. C. Smith & Sons, Inc., 2539 N. 9th St., Philadelphia
W. C. Smith & Sons, Inc., 2539 N. 9th St., Philadelphia

W. C. Smith & Sons, 1410, 257 33, Pa. Terriss Division, Consolidated Siphon Supply Co., 22 Woos-ter St., New York 13, N. Y. VACUUM CANDY MACHINERY CO., 15 Park Rew, New York 38, N. Y.

COOLER: Syrup

ACME COOPERSMITHING Co., 2535 W. Maypole Ave. Chicago 12, Ill.
Cherry-Eurrell Corp., 427 W. Randolph St., Chicago 6, Ill.
Berlin Chapman Company, Berlin, Wis.
Food Machinery & Chemical Corp., Sprague Sells Div.,
Hoopeston, Ill.
The McCarter Iron Works, Inc., E. Washington, Norristown, Pa.
NATIONAL EQUIPMENT CORP., 318 Lafayette, New York 12, N. Y.
Reco Products Division, Refrigeration Engineering Corp.
150 Nassau St., Philadelphia 46, Pa.
VACUUM CANDY MACHINERY CO., 18 Park Rew, New
York 38, N. Y.

COOLING TUNNELS: (See Tunnels: Cooling)

COUNTING

Automatic

Cartoning Machinery Corp., 18 Arborbum Rd., Roslindala Mass.

Popper & Sons, Inc., 300 4th Ave., New York 10, N. Y.
Potter Instrument Co., Inc., Sunnyside Blvd., Plainview.

CREAM BREAKERS

Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn & NATIONAL EQUIPMENT CORP., 153 Crosby St., New York 12. N. Y

SAVAGE BROS. CO., 2638 Gladys Ave., Chicago 12, Ill. VACUUM CANDY MACHINERY CO., 15 Park Row, New York 38, N. Y.

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BANTAM 6" DEPOSITOR



SIZING MACHINE



AUTOMATIC STICK CANDY MACHINE



JUNIOR 16" DEPOSITOR



PAPER CUP BACKING MACHINE



H-1 GAS VACUUM COOKER



SENIOR 32" DEPOSITOR



E. P. AUTOMATIC PLUNGER SUCKER MACHINE



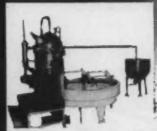
B-3 STEAM VACUUM COOKER



JUMBO 48" DEPOSITOR



MODEL M. DIE POP MACHINE



E-J DOUBLE TILTING FONDANT SIMPLEX VACUUM UNIT WITH DAYTON CREAM BEATER

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CREAM SCRAPER: (See Scrapers: Cream)

CRIMPER: Candy

CHOCOLATE SPRAYING CO., INC., 2035 W. Grand Ave., Chicago 12, 111.
Hohberger Mfg. Co., 3300 N. Kenneth St., Chicago 41, Ill.
Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.

CRIMPING MACHINE: Bar & Bag

Amseo Packaging Machinery Co., 31-31 48th Ave., Long Island City 1, N. Y.
SAVAGE BROS. Co., 2638 Gladys Ave., Chiengo 12, Ill.
Wrap-Ade Machine Co., 83 Valley St., Belleville, N. J.

CRISPETT MACHINE: Pop Corn

Krispy Kist Korn Machine Co., 120 No. Halsted St., Chicago 6, Ill.

CRUSHER: Almond and Peanut

Bauer Bros. Co., 1734 Sheridan Ave., Springfield, Ohio. CARLE & MONTANARI, INC., 95 Temple St., Hackensack, N. J.
Jeffrey Mfg. Co., 775 N. 4th St., Columbus 16, O.
Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.
Robinson Mfg. Co., Muncy, Pa.

CURLER: Candy

Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.

CUT ROCK MACHINES

HOHBER(ER MFG, CO.—John Sheffman, Representative 152 W. 42nd St., New York 36, N. Y. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 23, Pa.

RACINE CONFECTIONERS MACHINERY CO., 15 Park Row, New York 38, N. Y.

VACUUM CANDY MACHINERY CO., 15 Park Row, New York 38, N. Y.

CUT & WRAP MACHINES

IDEAL WRAPPING MACHINE Co., 81 Sprague St., Middletown, N. Y.

PACKAGE MACHINERY Co., East Longmeadow, Mass.
Rose Brothers, 153 Crosby St., New York 12, N. Y.

CUTTERS: Ball

HOHBERGER MFG. Co., John Sheffman, Representative 152 W. 42nd St., N. Y. 36, N. Y. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22. Pa.

CUTTERS: See Buttercup Machines

CUTTERS: Caramels

Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.

22, Pa.
NATIONAL EQUIPMENT CORP., 153 Crosby St., New York
12, N. Y.

SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 12, Ill. W. C. Smith & Sons, Inc., 2539 No. 9th St., Philadelphia 33, Penn. VACUUM CANDY MACHINERY Co., 15 Park Row, New York 38, N. V. Werner Machinery Co., 1765 Alpine N.W., Grand Rapids 4, Mich.

CUTTERS: Kiss

HOHBERGER MFG. CO., John Sheffman, Representative, 152 W. 42nd St., New York 36, N. Y. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa. NATIONAL EQUIPMENT CORP., 153 Crosby St., New York 12, N. Y.

VACUUM CANDY MACHINERY CO., 15 Park Row, New York 38, N. Y.

CUTTERS: Mint

Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa. SAVAGE BROS. CO., 2536 Gladys Ave., Chicage 12, III. W. C. Smith & Sons, Inc., 2539 No. 9th St., Philadelphia 33, Penn.

CUTTERS: Nougat

CARLE & MONTANARI, 95 Temple Ave., Hackensack, N. J.
The Girdler Co., Votator Div., 224 E. Broadway, Louisville I, Ky.
HOHBERGER MFG. CO., Chicago, III.—Representative:
John Sheffman, Inc., 152 W. 42nd St., New York 36, N. Y.
Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia
22, Pa.
SAVAGE BROS. CO., 2638 Gladys Ave., Chicago 12, III.
W. C. Smith & Scns, Inc., 2539 No. 9th St., Philadelphia
33. Penn.

CUTTERS: Two-way

Bulner Sales Co., 1821 Jackson St., Burbank, Calif. CHOCOLATE SPRAYING CO., INC., 2635 W. Grand Ave., Chicage 12, Ill. Walter H. Kansteiner Co., 1737 W. Howard St., Chicage 26, Ill. SAVAGE BROS. CO., 2638 Gladys Ave., Chicage 12, Ill. W. C. Smith & Sons, Inc., 2539 No. 9th St., Philadelphia 33, Pann.

CUTTERS: Vertical and Shear Motion

(For Caramels, Fig Pas'e, Jellies, Coconut, Jap Work, etc.)
Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.

DEHUMIDIFYING APPARATUS: (See Humidity Control)

DEPOSITING MACHINES: Cookie Type American Production Machine Co., 108 35th St., Union City, N. J.

City, N. J.

Baker Perkins, Saginaw, Mich.

Buiner Sales Co.. 1821 Jackson St., Burbank, Calif.

Champion Machinery Co., Jollet, Ill.

Thomas L. Green & Co.. 202 Miley Ave., Indianapolis, Ind.

Walter H. Kansteiner Co., 1787 W. Howard St., Chicago 26, Ill.

NATIONAL EQUIPMENT CORP., 153 Crosby St., New York 12, N. Y.

THE E. T. OAKES CORP., 26 Commack Rond, Islip, L. I.,

N. Y.

Peters Machinery Corp., 4700 Ravenswood Ave., Chicago 40, Ill.

BACINE CONFFCTIONERS' MACHINERY Co., 15 Park Row, New York 38, N. Y.

Salerno Machinery Co., 4500 West Division St., Chicago, Ill JOHN SHEFFMAN, INC., 152 W. 42nd St., New York 38, N. Y.

FRIUM PH MFG, Co., 3400 Suring Grove. Cincinnai 25, 0, Werner Machinery Co., 1765 Alpine N.W., Grand Rapids, Mich.

T. C. Weygandt Co., 165 Duane St., New York 13, N. Y.

DEPOSITORS: Chocolate (Stars, Buds, Kisses)

J'BEZ BURNS & SONS, INC., 600 W. 43rd St., New York 36, N. Y.

HOHBERGER MFG. CO., Chicago, Ill.—Representative; John Shefman, Inc., 152 W. 42nd St., New York 36, N. Y.

Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill.

MIKROVEARK A/S, 32-38 Sydmarken, Soborg (Copenhagen) Denmark

MILL RIVER TOOL CO., 38 Cass St., Springfield, Mass.

NATIONAL EQUIPMENT CORP., 153 Crosby St., New York 12, N. Y.

RACHE CONFECTIONERS' MACHINERY CO., 15 Park How. New York 38, N. Y.

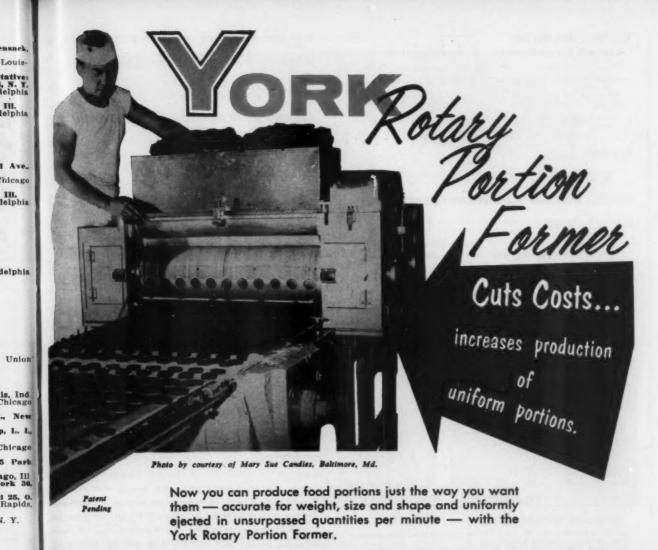
THOUET MASCHINENBAU-AACHEN, Hickelweg 21, Land, Germany

VACUUM CANDY MACHINERY CO., 15 P:rk Row, New York 38, N. Y.

T. C. Weygandt Co., 165 Duane St., New York 13, N. Y.

DEPOSITORS: Cream (Marshmallow and

American Production Machine Co., 109 35th St., Union City, N. J.
Bulner Sales Co., 1821 Jackson St., Burbank. Calif.
JABEZ BURNS & SONS, INC., 400 W. 43rd St., New York
36, N. Y.
Currie Machinery Co., 1150 Walsh Ave., Santa Clara, Calif.
HOHBERGER MFG. Co., Chicago, Ill.—Representative:
John Sheffman, Inc., 152 W. 42nd St., New York 26, N. Y.
MILL RIVER TOOL Co., 38 Cans St., Springfield, Mass.
NATIONAL EQUIPMENT CORP., 153 Crosby St., New
York 12, N. Y.
Peters Machinery Co., 4700 Ravenswood Ave., Chicago
40, Ill.
RACINE CONFECTIONERS' MACHINERY Co., 15 Park
How, New York 38, N. Y.
TRIUMPH MFG. Co., 3400 Spring Grove Ave., Cincinnati
26, O.
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• Operating on a new principle, the York Portion Former does not extrude but forms and shapes each portion individually.

 Vacuum forming prevents damage to the most delicate ingredients so that a wide variety of foods and food mixtures may be used.

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Manufacturing Agent: John C. Motter Printing Press Co., York, Pa.

PLANT: Columbia 3 Pa. PHONE MUtual 4-2138 Press Co. York Pa.

DEPOSITORS: Nut Bar

CARLE & MONTANARI, INC., 95 Temple St., Hackensack, N. J. Walter, H. Kansteiner Co., 1737 W. Howard St., Chicago

26, 111. MIKROVAERK A/S, 32 Sydmarken, Soborg, Copenhagen,

Denmark
MILL RIVER TOOL Co., 38 Cass St., Springfield, Mass.
National Equipment Corp., 153 Crosby St., New York 12,
N. Y.

N. Y. Werner Machinery Co., 1765 Alpine N.W., Grand Rapids 4, Mich. T. C. Weygandt Co., 165 Duane St., New York 13, N. Y.

DIPPER: Cherry

Thomas Mills & Brother, Inc., 1801 N. 8th St., Philadelphia 23, Pa.

DIPPING BOARDS: See DIPPING TRAYS

DIPPING FORKS

Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa. Oringer Manufacturing Co., Inc., 154 State St., Boston 3, Mass. 5AVAGE BROS. CO., 2638 Gladys Ave., Chiengo 12, Ill.

DIPPING FRAMES: Wire, Hand (for Eggs, Nutmeats)

Hobberger Mfg. Co., 3300 N. Kenneth St., Chicago 41, Ill. Marlene Mfg. Corp., 55 Mercer St., New York 13, N. Y. RACINE CONFECTIONERS' MACHINERY CO., 15 Park Row, New York 38, N. Y.

DIPPING MACHINES: Chocolate (See Coating Machines)

DIPPING: Papers

Benjamin C. Betner Co., Devon, Pa.
Burrell Belting Co., 7501 N. St. Louis Ave., Skokie, Ill.
Carter Rice & Co. Corp., 272 Summer St., Boston 1, Mass.
Central Paper Co., 2400 Lake Shore Dr., Muskegon, Mich.
Fabricon Products, Inc., 1721 Pleasant St., River Rouge
18, Mich.
Handy Card and Paper Co., 170 School St., Somerville 45,
Mass.
The Henle Wax Paper Mfg. Co., Inc., 1428 Longfellew,
New York 59, N. Y.
Kalamazoo Vegetable Parchment Co., Parchment (Kalamazoo), Mich.
Kupfer Brothers Co., 2 Astor Pl., New York 3, N. Y.
Lachmann-Novasel Corp., 109 Greene St., New York 12,
N. Y.
A. E. MacAdam & Co., Inc., 95 Lexington Ave., Brooklyn
5, N. Y.
Matthias Paper Corp., 165 W. Berks St., Philadelphia 22, Pa.
Thos. Mills & Bro., Inc., 1301 N. 8th St., Philadelphia 22, Pa.
New England Card & Paper Co., Inc., 12-20 Hanover St.,
Springfield 5, Mass.
Packaging Div., E. W. Twitchell, Inc., 2801 N. 3rd St.,
Philadelphia 20, Pa.
Paper Goods Co., Inc., 270 Albany St., Cambridge 39, Mass.
Shawmut Waxed Paper Co., Kaukauna, Wis.
Wyomissing Glazed Paper Co., 17 So. 2nd Ave., Reading, Pa.

DIPPING POTS or PANS (Hand) (For Dipping Chocolate and Bon Bons)

Buckeye Aluminum Co., 770 Spruce St., Wooster, Ohio. Thomas Burkhard, 494 Flushing Ave., Brooklyn 5, N. Y. Consolidated Siphon Supply Co., Inc., Terriss Div., 22 Wooster St., New York 13, N. Y.

8AVAGE BROS. CO., 2638 Gladys Ave., Chicago 12, Ill.

WEAR-EVER ALUMINUM, INC., 5th & 11th St., New Kensington, Pa.

DIPPING TABLES: Hand

Industrial Handling Equipment Co., 1225 W. Monroe St., Chicago 7, Ill. SAVAUE BROS. Co., 2638 Gladys Ave., Chicago 12, Ill.

DIPPING TRAYS: See Trays

DROPPERS: Funnel

Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn 5, N. Y.

Thos. Mills & Bro., Inc., 1301 N. 8th St., Philadelphia 22, Pa. Oringer Mfg. Co., 154 State St., Boston 9, Mass. SAVAGE BROS. Co., 2638 Gladys Ave., Chicage 12, III.

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DRYING EQUIPMENT: Starch

ECONOMY EQUIPMENT CO., INC., 4800 Sc. Heyne Ave. Chicage 9, Ill.—N. Y. Rep.—John Sheffman, 152 W. 42ad St., New York 36, N. Y. Great Western Mfg. Co., Leavenworth, Kans. Hersey Mfg. Co., E. & 2nd St., Boston 2, Mass. A. Huhn Mfg. Co., 3915 Hlawatha Ave., Minneapolis 6, Minn. J. M. Lehmann Company, Inc., 550 New York Ave., Lyadhurst, N. J. Machinery & Equipment Corp., 523 W. Broadway, New York 12, N. Y. National Equipment Corp., 153 Crosby St., New York 12, N. Y.

DUST COLLECTORS

Breuer Electric Mfg. Co., 5100 N. Ravenswood, Chicage 40, Ill.

JABEZ BURNS & SONS, INC., 600 W. 43rd St., New York 36, N. Y.
Connecticut Blower Co., P. O. Box 384, Hartford 1, Conn. Day Company, The, 810 Third Ave., N., Minneapolis 13, Minn.
Holly Pneumatic Systems, Inc., 15 E. 40th St., New York 16, N. Y.
Meyer Machine Co., P. O. Box 5096, San Antonio, Texas Parten Machinery Co., 311 Portland Ave., Minneapolis 15, Minn.
PULVERIZING MACHINERY DIVISION, 61 Chatham Road, Summit, N. J.
Robinson Mfg. Co., Muncy, Pa.
Schutz-O'Nelll Co., 307 Portland Ave., Minneapolis 15, Minn.
Tippett & Wood, 162 Howard St., Phillipsburg, N. J.

EGG MOLDS

American Chocolate Mould Co., 173 Lafayette St., New York 13, N. Y.
JABEZ BURNS & SONS, INC., 11th Ave. & 43rd St., New York 36, N. Y.
MIKROVAERK A/S, 32 Sydmarken, Soborg, Copenhagen, Denmark
Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.
RACINE CONFECTIONERS' MACHINERY CO., 15 Park Row, New York 38, N. Y.
Voorhees Rubber Mfg. Co., 151 East 50th St., New York 22, N. Y. (Rubber)
T. C. Weygandt Co., 165 Duane St., New York 13, N. Y.

ELEVATORS (Automatic and Straight Lift)

Barrett-Cravens Co., Northbrook, Ill.

JABEZ BURNS & SONS, INC., 600 W. 43rd St., New York

36, N. Y.

The E. W. Buschman Co., 4461 Clifton Ave., Cincinnati

32, O.

CHOCOLATE SPRAYING CO., INC., 2035 W. Grand Ave.,
Chicage 12, Ill.

Economy Engineering Co., 4511 W. Lake, Chicago 24, Ill.

Economy Engineering Co., 4511 W. Lake, Chicago 24, Ill.

Hoopeston, Ill.

Industrial Handling Equipment Co., 1225 W. Monroe St.,
Chicago 7, Ill.

International Selling Corp., 70 Pl.ie St., New York 5, N. Y.

Jeffrey Mfg. Co., 875 N. 4th St., Columbus 16, O.

Ketchel Engineering Co., 1401 Palisade Ave., W. Englewood, N. J.

Lewis-Shopard Products, Inc., 125 Walnut St., Watertows

72 Mass.

Machinery & Equip. Corp., 533 W. Broadway, New York 12,
N. Y.

N. Y.
Market Forge Co., Garvey St., Everett 49, Mass.
Standard Conveyor Co., N. St. Paul 9, Minn.
Meyer Machine Co., P. O. Box 5096, San Antonio, Texas
Weigh Right Automatic Scale Co., Mills Rd., P. O. Box
396, Joliet, Ill.
Westinghouse Electric Corp., 3 Gateway Center, Pittsburgh 30, Pa.
Wright Machinery Co., Durham, N. C.

EMBOSSING & CUTTING DIES

CARLE & MONTANARI, INC., 95 Temple Ave., Hackennack, N. J. CHOCOLATE SPRAYING CO., 2025 W. Grand Ave., Chleage 12, Ill. VOSS BELTING & SPECIALTY CO., 5645 Ravenswood Ave., Chleage 26, Ill.

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HOHBERGER **CONTINUOUS HARD** CANDY CUTTER

Forms, waffles, pillows, chips or straws. Up to 150 feet per minute. Perfect sealing on filled pieces.



HOHBERGER CREAM MACHINE

Up to 2000 pounds per hour of straight sugar fondant with proper doctoring or any amount of corn syrup.



HOHBERGER BALL MACHINE

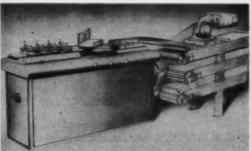
Only one operator required to produce up to 1,200 lbs. per hour.

You can produce:

Balls — clear, pulled or honeycombed filled — 9/16" to 11/2" diameter.

Sunbeam starlights: stripes brought down to center without expensive inlay.

Root Beer Barrels and any other shapes.



M.F.P. STICK-MASTER

(Pat. Pending)
New Style—Twister, Cutter & Straightener
Flexible—5/16" to 1" diameter and 4" to 16" long Productive—Up to 1500 inches per minute Sanitary—Stainless steel finish—Candy always in sight



BERKS MIXER

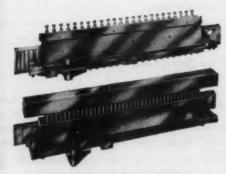
The Berks mixer incorporates color and flavor and kneads the candy the same as by hand. No discolaration. Over 50 users with from one to fif-teen units — over 300 in operation.



HONTZ CLUSTER MACHINE

Uniform Clusters formed on enrober from any free-flowing nut.

No labor required No floor space Basily detached from enrober.



MILL RIVER PUMP BARS

Faster, better, and more accurate due to precision workmanship. Water-sealed — Sanitary — No

workmanship, water-seated — Santilary — No Grooves — No Washers. Available in all sizes: Single, double, triple and quadruple row for all depositors.

ECONOMY BELTURN

Economy Belturns conserve space through efficient ar-rangement of cooling convey-ors and packing tables. Bunch-ing and crowding eliminated. Available in all standard widths:

12" to 48" 90°, 180° and special angles.

Johnson Products Co. Chicago, III.

Now Offers - A Nailless Wood Starch Tray

Standard Starch Trays

Stock Trays

Specialized Wood Products

152 West 42nd Street

John Sheffman, Inc.

New York 36, N. Y.

EMULSIFYING APPARATUS See glso HOMOGENIZERS

Alsop Engineering Corp., Canfield St., Milldale, Conn. Bramley Machinery Co., 880 River Rd., Edgewater, N. J. A. T. Case Co., Monrovia. Calif.
Chem-Colloid Labs. 30 Church St., New York 4, N. Y. Cherry-Burrell Corp., 427 W. Randolph St., Chicago 6, Ill.
Colloid Equipment Co., Inc., 60 Church St., New York 7, N. Y.
Teamery Pkg. Mfg. Co., 1243 W. Washington Bivd., Chicago, Ill.
The Girdler Corp., The Votator Div., 224 E. Broadway, Louisville 1, Ky.
J. M. LEHMANN COMPANY, INC., 546 New York Ave., Lyndburst, N. J.
Manton-Gaulin Mfg. Co., 7 Charleston St., Everett, Mass.
The McCarter Iron Works, Inc., E. Washington, Norristown Ps.
Mojonnier Bros., 4601 W. Ohio St., Chicago, Ill.
The Pfaudler Co., 1006 East Ave., Rochester 3, N. Y.
Premier Mill Corp., 61 Gates Ave., Geneva, N. Y.

EXTRUDERS

Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill. Mixers, Inc., Allen & Wensley Sts., Philadelphia 34, Pa. Wermac Co., 1765 Alpine N. W., Grand Rapids, Mich.

FEEDERS: Automatic (for Coaters)

JABEZ BURNS & SONS, INC., 400 W. 43rd St., New York 36, N. Y. Dicalite Co., 18 E. 48th St., New York 17, N. Y. Eriez Manufacturing Co., 265 Magnet Drive, Erie, Pa. J. W. GREER COMPANY, Wilmington, Mans. Jeffrey Mfg. Co., 875 N. 4th St., Columbus 16, O. NATIONAL EQUIPMENT CORP., 153 Crosby St., New York 12, N. Y. PULVERIZING MACHINERY DIVISION, 61 Chatham Road, Summit, N. J.

FEEDERS: Starch Trays

Currie Mfg. Co., 1150 Walsh Ave., Santa Clara, Calif. National Equipment Corp., 153 Crosby St., New York 12, N. Y.

FILLING MACHINES: Container

Amsee Packaging Machinery Inc., 31-31 48th Ave., Long Island City I. N. Y.

Brown Bag Filling Machine Co., Fitchburg, Mass.
Cartoning Machinery Co., 18 Arborbum Rd., Roslindale, Mass.
The Exact Weight Scale Co., 538 E. Town St., Columbus 15, C.
J. I. Ferguson Company, Rte. 52 at Republic Ave., Joliet, III.
Glengarry Processes. Inc., Bay Shore, N. Y.
Johnson Automatic Sealer Co., Battle Creek, Mich.
Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, III.
Ketchpel Engineering Co., 1401-05 Palisade Ave., West Englewood, N. J.
Krispy Kist Korn Machine Co., 120 So. Halsted St., Chicago 6, III.
Miller Wrapping & Sealing Machine Co., 18 S. Clinton St., Chicago 6, III.
MRM Co., Inc., 191 Berry St., Brooklyn, N. Y.
Niagara Filter Corp., 3080 Main St., Buffalo 14, N. Y.
Package Machinery Co., Springfield 7, Mass.
The Pfaudier Co., 1000 West Ave., Rochester 3, N. Y.
Scientific Filter Co., 57 Rose St., New York 38, N.Y.
F. J. Stokes Machine Co., 5902 Tabor Rd., Philadelphia, Pa.
Stuyvesant Engineering Co., 107 Stuyvesant Ave., Lyndhurst, N. J.
Trai Angle Package Machinery Co., 6834 W. Diversey Ave., Chicago 35, III.
Weigh Right Automatic Scale Co., Mills Rd., P. O. Box
396, Joliet, III.
Raymond M. Wilmotte, Inc., 1469 Church St. N. W.,
Washington 5. D. C. (electronic dispenser)
The Woodman Co., 647 E. College Ave., Decatur, Ga.
Wright Machinery Co., Durham, N. C.

FILTERS

Alsop Engineering Corp., 506 Canfield St., Milldale, Conn. Barrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill. FRED S. CARVER, INC., 1 Charham Road, Summit, N. J. Cochrane Corp., 17th & Allegheny Ave., Philadelphia 32, Penn.
Consolidated Siphon Supply Co. Terriss Div., Inc., 22 Wooster St., New York 13, N. Y. Ericl Engineering Corp., Kingston, N. Y. Fultrine Mfg. Co., 53 Lexington Ave., Brooklyn 5, N. Y. Groen Mfg. Co., 4535 Armitage Ave., Chicago 39, Ill. Hercules Filter Corp., 175 Ethel Ave., Hawthorne, N. J.

Hygela Filter Co., 3422 Denton Ave., Detroit, Mich. Walter H. Kansteiner Co., 1787 W. Howard St., Chicage 26, Ill.
Niagara Filter Corp., 3080 Main St., Buffalo 14, N. Y. Scientific Filter Co., 57 Rose St., New York 38, N.Y. Sparkler Mfg. Co., Mundelein, ill.
Tri-Clover Machine Co., 2809 60th St., Kenosha, Wis.

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FLOSS MACHINE

Concession Supply Co., 3916 Secor Rd., Toledo 13, O. Electric Candy Floss Machine Co., 729 Benton Ave., Nashville 4, Tenn.
Krispy Korn Machine Co., 120 So. Halsted St., Chicago 6, Ill.
Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.
SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 12, Ill.

FRAMES: Drop

HOHBERGER MFG. Co., Chicago, Ill.—Representative: John Sheffman, Inc., 152 W. 42nd St., New York 36, N. Y. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa. SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 12, Ill. VACUUM CANDY MACHINERY CO., 15 Park Row, New York 38, N. Y.

FURNACES: See Stoves

GLOVES: Candy Makers' and Bakers' (Buckskin, Horsehide and Cotton)

The Boss Mfg. Co. 211 W. 1st St., Kewanee, Ill. General Scientific Equipment Co., 7516 Limekiln Pike, P. O. Box 3038, Philadelphia 50, Pa.
Goodyear Industrial Products Co., 18 Murray St., New York 7, N. Y. (rubber)
Miller Products Company, Inc., 29 Warren St., New York 7, N. Y.
Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.
Pioneer Rubber Co., Tiffin Road, Willard, Ohio.
SAVAGE BROS. Co., 2338 Gledys Ave., Chicago 12, Ill.
VOSS BELITING & SPECIALTY Co., 5445 N. Ravenswood Ave., Chicago 26, Ill.
The Wilson Rubber Co., 1200 Garfield Ave., S.W., Canton 6. O.

GRADING MACHINES: Almonds and Peanuts

The Bauer Bros. Co., 1734 Sheridan Ave., Springfield 99, Ohio Champion Machine Co., 214 W. Jones Ave., San Antonio 2, Texas. Sherida Machine Co., 410 44th St., Grand Rapids, Mich. Meyer Machine Co., Rt. 2, Huebner Road, San Antonio 1, Texas Thos. Mills & Bro., Inc., 1301 N. 8th St., Philadelphia 22, Pa.

GRATES: Crystallizing

Thos. Mills & Bro., Inc., 1301 N. 8th St., Philadelphia 22, Pa.

SAVAGE BROS. CO., 2638 Gladys Ave., Chicago 12, III.

GRINDER: (for Chicle, Gum Arabic, Vanilla Beans and Pods)

Consolidated Products Co., 15 Park Row. New York 7, N. Y. Dellenbarger Machine Co., Inc., 379 W. Broadway, New York 12, N. Y. Foremost Machine Builders, Inc., 52 Vanderbilt Ave., New York 17, N. Y. The Jeffrey Mfg. Co., 875 N. Fourth St., Columbus 16, Ohio. Pulva Corporation. 550 High St. Perth Amboy. N. J. PULVERIZING MACHINERY DIVISION, 61 Chafbam Rd., Summit, N. J. Schutz-O'Neill Co., 307 Portland Ave., Minneapolis 15, Minn.

GRINDING MACHINE: See Mills

GUM TAPE MACHINES

Better Packages, Inc., Shelton, Conn.
Derby Scalers, Inc., Derby, Conn.
Glue-Fast Equipment Co., 9 White St., New York 13, N. Y.
Harry Elias & Co., Inc., 211 E. 12th St., New York 3, N. Y.
Gummed Tape & Devices Co., 1320-60th St., Brooklyn 19,
N. Y.
Charles E. King Co., 960 W. Chicago Ave., Chicago 22, Ill.
Marsh Stencil Machine Co., 707 E. "B" St., Belleville, Ill.
Scientific Filter Co., 57 Rose St., New York 38, N. Y.

HAND ROLL CENTER MACHINE

Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia Thomas Mills & Brother, 180., 100 22, Pa. 22, Pa. RACINE CONFECTIONERS' MACHINERY CO., 15 Park Row, New York 38, N. Y. SAVAGE BROS. CO., 2638 Gladys Ave., Chicago 12, III. W. C. Smith & Sons, 1nc., 2539 No. 9th St., Philadelphia 33,

HEATERS: Batch

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Acme Coppersmithing Co., 2535 W. Chicago Ave., Chicago 12, Ill. Burdett Manufacturing Co., 3433 W. Madison St., Chicago 24, Ill. Cherry-Burrell Corp., 427 W. Randolph St., Chicago 6, Ill. Combustion Utilities Corp., 1451 Broadway, New York, N.Y. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa. 22. Pa.
NATIONAL EQUIPMENT Co., 318 Lafayette, New York
12, N. Y. 12, N. Y.
SAVAGE BROS. CO., 2638 Gladys Ave., Chicago 12, Ill.
Selas Corp. of America, Erie Ave. & D. St., Philadelphia
34, Pa.

HOMOGENIZERS

American Blower Co., 6004 Russell St., Detroit, Mich. Bramley Machinery Corp., 880 River Road, Edgewater,

JABEZ BURNS & SONS, INC., 11th Ave. & 43rd St., New York 36, N. Y.
Cherry-Burrell Corp., 427 W. Randolph St., Chicago 6, Ill.
Colloid Equipment Co., Inc., 50 Church St., New York 7, N. Y.
Creamery Package Mfg. Co., 1243 W. Washington Bivd.,
Chicago 7, Ill.
Davison Chemical Corp., 20 Hopkins Pl., Baltimore 1, Md.
The J. M. Day Co. Division, 4932 Beech St., Cincinnati
12, O.

prying Systems, Inc., 1800 Foster Ave., Chicago 40, Ill. Groen Mfg. Co., 4685 Armitage Ave., Chicago 39, Ill. The Harshaw Chemical Co., 1946 East 97th St., Cleveland 6, Ohio Manton-Gaulin Mfg. Co., Inc., 7 Charleston St., Everett, Mass.

Pittsburgh Lectrodryer Corp., 32nd St., Pittsburgh 30, Penn. Premier Mill Corp., 61 Gates Ave., Geneva, N. Y.

HOOKS: Candy Pulling

Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.
RACINE CONFECTIONERS' MACHINERY CO., 15 Park
Row, New York 38, N. Y.
SAVAGE BROS. CO., 2638 Gladys Ave., Chlengo 12, Ill.

HUMIDITY CONTROL: Automatic See also Air Conditioning Equipment

American Blower Co., 6004 Russell St., Detroit, Mich. Armstrong Machine Works, 840 Maple St., Three Rivers, Mich. Farrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill. Pristol Co., Waterbury 20, Conn. Davidson Chemical Corp., 20 Hopkins Pl., Baltimore 1, Md. Drying Systems, Inc., 1800 Foster Ave., Chicago 40, Ill. The Foxboro Company, 38 Neponset Ave., Foxboro, Mass. Minneapolis Honeywell Regulator Co., Brown Instrument Division. 4495 Wayne Ave., Philadelphia 44, Pa. Niagara Blower Co., 405 Lexington Ave., New York 17, N.Y. Philadelphia Thermometer Co., 6th & Cayuga Sts., Philadelphia 40. Pa.
Pittsburgh Lectrodryer Corp., 32nd St., Pittsburgh 30,

Pittsburgh Lectrodryer Corp., sand Sc., Penn.
Powers Regulator Co., 3400 Oakton St., Skokie, Ill.
Powers Regulator Co., 3400 Oakton St., Skokie, Ill.
REFLECTOTHERM, INC., 26 E. University Ave., Cincinnati 19, 0.

J. O. Ross Engineering Division, 444 Madison Ave., New York 22, N. Y.
Sarco Co., Inc., Empire State Bidg., New York 1, N. Y.
Scientific Instrument Co., 1041 Second Ave., Detroit 26, Mich.
Surface Combustion Corp., 2375 Dorr St., Toledo, O.

HUMIDITY INDICATING and RECORDING INSTRUMENTS

Bristol Co., Waterbury 20, Conn.
Colloid Equipment Co., Inc., 50 Church St., New York 7,
N.Y.
Fisher Scientific Co., 643 Greenwich St., New York 14, N. Y.
The Foxboro Company, 28 Neponset Ave., Foxboro, Mass.
General Scientific Equipment Co., 7516 Limekiln Pike,
Philadelphia 50, Pa.
Manning, Maxwell & Moore, Inc., Stratford, Conn.
Minneapolis Honeywell Regulator Co., Brown Instrument
Division, 4495 Wayne Ave., Philadelphia 44, Pa.
Nurnberg Thermometer Co., Inc., 124 Livingston St., Brooklyn 2, N. Y.

Powers Regulator Co., Skokie, Ill.

Precision Thermometer & Instrument Co., 1434 Brandywine St., Philadelphia, Pa.

SAVAGE BROS. Co., 2638 Gladys Ave., Chicage 12, Ill.

Scientific Instrument Co., 1941 Second Ave., Detroit 26,

Seedburg Paris Seedburo Equipment Co., 618 W. Jackson Blvd., Chicago 6. Taylor Instrument Companies, 95 Ames St., Rochester 1, N. V.
The Vilter Mfg. Co., 2129 S. First St., Milwaukee 7, Wis.
Walton Laboratories, 1186 Grove St., Irvington 11, N. J.
Weston Electrical Instrument Co., 614 Felinghuysen
Avc., Newark 5, N. J.

HYGROMETERS (for determining percentage of relative humidity)

Barreit-Christie Co., 108 N. Clinton St., Chicago 6, Ill.
The Bristol Company, Waterbury 20, Conn.
Fisher Scientific Co., 632 Greenwich St., New York 14, N. Y.
Central Scientific Co., 1700 Irving Park Rd., Chicago 13, Ill.
The Foxboro Co., Foxboro, Mass.
General Scientific Equipment Co., 7516 Limekiln Pike, Philadelphia 50, Pa.
The Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6
Ohio
Thos, Mills & Bro., 1201 N. 244, Co., 2001. Ohio
Thos. Mills & Bro., 1301 N. 8th St., Philadelphia 22, Pa.
Nurnberg Thermometer Co., Inc., 124 Livingston St., Brooklyn 2, N. Y.
Philadelphia Thermometer Co., 6th & Cayuga Sts., Philadelphia 40, Pa.
The Powers Regulator Company, 3400 Oakton St., Skokie, Precision Thermometer & Instrument Co., 1434 Brandy-wine St., Philadelphia, Pa. TAYLOR INSTRUMENT COMPANIES, 95 Ames St., Roches-ter I. N. Y.

HYDROMETERS: Syrup

Consolidated Siphon Supply Co., Inc., Terriss Div., 23
Wooster St., New York 15, N. Y.
Eimer & Amend, 635 Greenwich St., New York 14, N. Y.
(Laboratory)
Food Machinerv & Chemical Corp., Sprague Sells Div.,
Hooveston, Ill.
General Scientific Equipment Co., 7516 Limekiin Pike,
Philadelphia 50, Pa.
The Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6,
Ohio
Minneapolis-Honeywell Reg. Co., Brown Instruments Division, 4495 Wayne Ave., Philadelphia 44, Pa.
Nurnberg Thermometer Co., Inc., 124 Livingston St.,
Brooklyn 2, N. Y.
SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 12, Ill.
Scientific instrument Co., 1041 Second Ave., Detroit 26,
Mich. Walton Laboratories, 1186 Grove St., Irvington, 11, N. J.

INDICATORS: Bin Level

Rin-Dicator Co., 13946 Kercheval Ave., Detroit 15. Mich. JABEZ BURNS & SONS, INC., 11th Ave. & 43rd St., New York 36, N. Y.
Convair, P. O. Box 9671, Pittsburgh 26, Pa. The Foxboro Co., Foxboro, Mass.
Jeffrey Mfg. Co., 875 N. 4th, Columbus 16, Ohio

INSPECTION EQUIPMENT: Magnetic

Cutler-Hammer, Inc., 422 N. 12th St., Milwaukee 1, Wis. Electric Sorting Machine Co., 410 44th St. S.W., Grand Rapids, Mich. Erlez Mfg. Co., Erle, Pa. Pacific Coast Engineering Co., P. O. Drawer E, Alameda, Calif. Raymond M. Wilmotte, Inc., 1469 Church St., N. W. Washington 5, D. C. (electronic dispenser)

INSPECTION EQUIPMENT: X-Ray

General Electric Co., X-Ray Dept., 4856 Electric Ave., Milwaukee 1, Wis.
Pacific Coast Engineering Co., P. O. Drawer E. Alameda. Calif.

KETTLES: Aluminum

CME COPPERSMITHING CO., 2535 Maypole Ave., Chicage 12, 111. ALUMINUM COOKING UTENSIL CO., INC., New Kennington, Pa.

Ruckeye Aluminum Co., 770 Spruce St., Wooster, Ohlo.

Bucyrus Kettle Works, Inc., Bucyrus, Ohlo.

Thomas Burkhard, Inc., 494 Flushing Ave., Booklyn 5, N. Y.
Concession Supply Co., 3916 Secor Road, Toledo 13, O.
Groen Mfg. Co., 4535 W. Armitage Ave., Chicago 39, Ill.
HAMILTON KETTLES, Div. Brighton Corp., 826 State
St., Chelmant 4, O. Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill. L. O. Koven & Brother, Inc., 154 Ogden Ave., Jersey City I. O. Koven & Brother, Inc., 154 Ogden Ave., Jersey City 7, N. J.
 Long Eakins Company, 27 Primrose Pl., Springfield 99, Ohlo.
 NATIONAL EQUIPMENT CORP., 153 Crosby St., New York 12, N. Y.
 The Patterson-Kelley Co., Inc., East Stroudsburg, Pa.
 Tippett & Wood, 162 Howard St., Phillipsburg, N. J.

MAKE BETTER CANDIES AND SAVI

Solid investments that pay for themselves in a couple of most satisfaction in performance, years or less-that's what confectioners say about Savage Bros Co. money-saving machines. Solid, because they can produce the finest quality candy even in round-the-clock operations proving their outstanding durability. Solid, because they are quality manufactured to guarantee you many years of the ut-

When you require equipment to cook, mix, beat, cool, sin proba or cut, let Savage Bros. Co. show you how to lower your con through the efficiency and durability of Savage Bros. Co

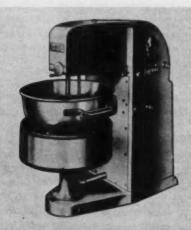
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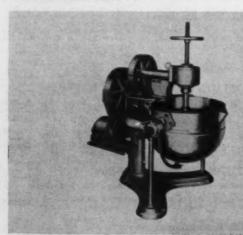
Sava open plain head



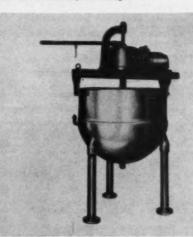
FIRE MIXER-Model S-48-Thermostatic gas control. Variable speed. Single or double action agitator. Kettle size 24" diameter by 121/2" or 16" deep. Cook and mix candy batches to a predetermined degree.



FIRE MIXER-Model S-3 or S-2-Original break-back feature Manual gas control. One speed. Single or double action agit tor. Model S-3 kettle 24" diameter, 121/2" or 16" deep. Mod S-2 kettle 22" diameter, 12" deep.



Savage Tilting Mixer-Model F-6-For caramel, fudge, nougat and cocoanut batches-Sizes: 50 gal. Stainless; 25, 35 and 50 gal. Copper Steam Jacketed Kettle. Double Action Agitator. Bevel Gears enclosed with oil seal. Direct motor drive with V belts for quiet operation.



SAVAGE MIXING KETTLE, Model C-3. For gum drops as other gum candies. Sizes 30 gallon to 250 gallon. Stainle steel as illustrated or copper steam jacketed kettle. For 10 pounds or 125 pounds working steam pressure. Double actis agitated. Direct motor drive with gear head motor.



SAVITH SAVAGE BROS. MACHINES

Plant after plant is saving with Savage Bros. Co. The cool, six probabilities are you can too.

The 8 machines illustrated below are but a few of the many offered confectioners. REMEMBER-the leading name in con-Bros. Ca fectionery equipment-it's SAVAGE BROS. CO.

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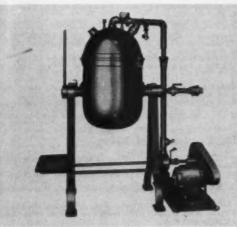
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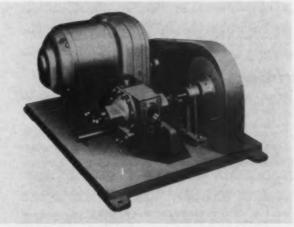
drops and Stainle . For 10 able action

Plus Maximum Durability

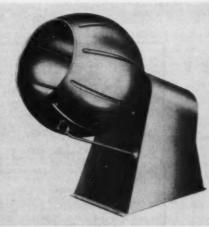
And Overall Performance



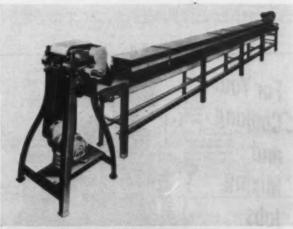
CREAM VACUUM COOLER—Maximum production when installed between two Cream Beaters. Eliminates beater cooling time. Vacuum suction of batch from kettle. Handles 150 lb. batch hand roll cream or 300 lbs. cast cream.



CHOCOLATE PUMP-Cast iron steam jacket head. Perfect for pumping chocolate from melting kettle to enrober. Manufactured with 2" or 3" intake and discharge.



Savage Revolving Pan—Standard size 38" dia. 33" deep 24" opening. Pan constructed of Copper or Stainless Steel either plain or with bumped in ribs. Fabricated steel stand. Gearhead motor and roller chain drive enclosed. Heavy Duty Precision Roller Bearings.



SAVAGE (BRACH) CONTINUOUS CANDY CUTTER-For cutting 3/4", 3/4" and 11/2" lengths and 3/4" waffle. Two speeds. Motor drive. Cooling conveyor 20' long.

ICAGO, ILLINOI

KETTLES: Copper (Plain & Steam)

ACME COPPERSMITHING CO., 2635 Maypole Ave., Chicago 12, Ill.
A. Berry Copper Works, 217 West Broadway, New York 13, N. Y. 13, N. Y. Brighton Copper Works, 2157 Kindel Ave., Cincinnati, O. Bucyrus Kettle Works, Bucyrus, Ohio. Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn 5, N. Y. CARLE & MONTANARI, INC., 95 Temple Ave., Hackensack,

Concession Supply Co., 3916 Secor Road, Toledo 13, O. Groen Mfg. Co., Inc., 4535 Armitage Ave., Chicago 39, 11l. Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, 11l.

Geo. Koller Copper Works, 57-25 Cooper Ave., Brooklyn 27, N. Y.
Jos. Kopperman & Sons, 316 New St., Philadelphia, Pa.
Kriapy Kist Korn Machine Co., 120 No. Halsted St., Chicago 6, Ill.
Long Eakins Company, 27 S. Primrose, Springfield, O.
Thos. Mills & Bro., Inc., 1301 N. 8th St., Philadelphia

22, Pa.

NATIONAL EQUIPMENT CORP., 133 Crosby St., New York
12, N. Y.

D. Picking & Co., 119 S. Walnut St., Bucyrus, Ohio.

RACINE CONFECTIONERS' MACHINERY CO., 15 Park
Row, New York 38, N. Y.

SAVAGE BROS. (Co., 203. Gladys Ave., Chicago 12, 1ii.

VACUUM CANDY MACHINERY CO., 15 Park Row, New
York 38, N. Y.

KETTLES: Copper Tilting

ACME COPPERSMITHING Co., 2333 Maypole Ave., Chicago 12, 111.

12, III.

A. Berry Copper Works, 217 West Broadway, New York 13, N. Y.
Hucyrus Kettle Works, Bucyrus, Ohio.
Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn 5, N. Y. CARLE & MONTANARI, INC., 95 Temple Ave., Hackensack,

N. J.

N. J.
Cherry-Burrell Corp., 427 W. Randolph St., Chicago 6, Ill.
Groen Mfg. Co., Inc., 4535 Armitage Ave., Chicago 39, Ill.
George Keller Copper Works, 57-25 Cooper Ave., Brooklyn
27, N. Y.
JOS. Kopperman & Sons, 310 New St., Philadelphia 6, Pa.
NATIONAL EQUIPMENT CORP., 153 Crosby St., New
York 12, N. Y.
RACINE CONFECTIONERS' MACHINERY CO., 15 Park
Row. New York 38, N. Y.
SAVAGE BROS. CO.. 2638 Gindys Ave., Chicago 12, Ill.
YACCUM CANDY MACHINERY CO., 15 Park Row. New
YORK 38, N. Y.

KETTLES: Stainless Steel (Plain & Jacketed)

ACME COPPERSMITHING CO., 2535 W. Maypole Ave., Chicaro 12, Ill.
BEN-MOORE MFG. CO., Brooklyn S, N. Y. Representative:
John Sheffman, Inc., 152 W. 42nd St., New York 36, N. Y.

Thomas M. Burkhard, Inc., 494 Flushing Ave., Brooklyn \$, CARLE & MONTANARI, INC., 95 Temple Ave., Hackensack, N. J.

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N. J.
Cherry-Burrell Corp., 427 W. Randolph St., Chicago 6, Ill.
Food Machinery & Chemical Corp., Sprague Sells Div.,
Hoopeston, Ill.
J. W. GREER Co., Wilmington, Mass.
Groon Mfg. Co., 4535 Armitage Ave., Chicago 39, Ill.
HAMILTON KETTLES, Div. Brighton Corp., 820 State
St., Cincinnati 4, O. (and tilting)

B. H. Hubbert & Son, Inc., 1800 S. Ponca St., Baltimore 14, Md. Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill.

George Keller Copper Works, 57-25 Cooper Ave., Brooklyn 27 N. Y.

27, N. Y.
L. O. Koven & Brother Inc., 154 Ogden Ave., Jersey City 7, N. J.
N. J.
J. M. LEHMANN CO., 550 New York Ave., Lyndhurst, N. J.
Market Forge Co., 35 Garvey St., Everett 49, Mass.
The McCarter Iron Works, Inc., E. Washington, Norris-

town, Pa.
NATIONAL EQUIPMENT CORP., 153 Crossby St., New York 12, N. Y.
Pacific Coast Engineering Co., P. O. Drawer E, Alameda,

Talf.
The Patterson-Kelley Co., Inc., East Stroudsburg, Penn.
The Pfaudler Co., 1000 West Ave., Rochester 3, N. Y.
Odney Hunt Machine Co., Orange, Mass.
SAVAGE BROS. CO., 2638 Gladys Ave., Chicago 12, Ill.
STANDARD CASING CO., 121 Spring St., New York 12,

Tippett & Wood, 162 Howard St., Phillipsburg, N. J. VACUUM CANDY MACHINERY CO., 15 Park Row, New York 35, N. Y. Wegner Machinery Corp., 35-41 W. 11th St., Long Island City 1, N. Y.

KETTLES: Stainless Steel Tilting

ACME COPPERSMITHING CO., 2535 W. Maypole Ave., Chicago 12, III.

Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn 5, N. V. CARLE & MONTANARI, INC., 95 Temple Ave., Hackensack,

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27, N.

J. M. LEHMANN COMPANY, INC., 550 New York Ave.,
Lyndhurst, N.

Market Forge Co., 25 Garvey St., Everett 49, Mass.

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MIXERS: Botch

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Ransome Machinery Co., Dunellen, N. J.
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MIXERS: Chocolate

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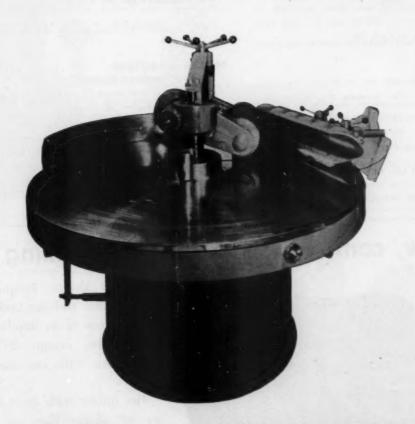
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Mixers: Chocolate (con't)

W. C. Smith & Sons, Inc., 2539 No. 9th St., Philadelphia 33,

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Rhineland, Germany
VACUUM CANDY MACHINERY CO., 15 Park Row, New
York 38, N. Y.

MIXERS: Continuous

THE E. T. OAKES CORP., 26 Commack Road, Islip, L. I., N. Y. Votator Division, The Girdler Co., 224 E. Broadway, Louisville 1. Kv.

MIXERS: Dough

pramley Machine Corp., 880 River Road, Edgewater, N. J. Champion Machinery Co., Jollet, Ill. The J. H. Day Co., 4932 Beech St., Cincinnati 12, O. accessior Engineering Co., 611 W. 43rd St., New York 36, N. l. F. l. on Mfg. Div., First Machinery Corp., 209 Tenth St., Brookly.: 15, N. Y. Th: Robart Mfg. Co., Pennsylvania Ave., Troy, O. N. TIONAL EQUIPMENT CO., 318 Lafayette, New York 12, Mixing Equipment Co., 135 Mt. Rend Blvd., Rochester 11, Petzholdt-Solida Trading Co., 220 W. 42nd St., New York as, N. Y.

26d Standard Corporation, York, Pa.

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MIXERS: Hard Candy

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NATIONAL EQUIPMENT CO., 318 Lafayetis, New York 12, N. Y. Petzholdt Solida Trading Co., 220 W. 42nd St., New York SAVAGE BROS, CO., 2638 Gladys Ave., Chicago 12, III.

MIXERS: Open Fire

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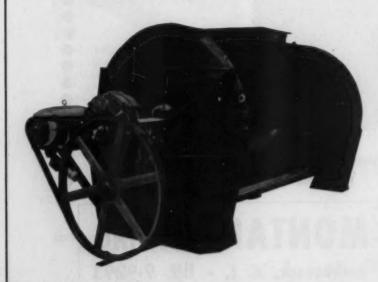
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Dellenbarger Machine Co., Inc., 379 Broadway, New York
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Calif.

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MOLDS: Centers & Cream Work

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NATIONAL EQUIPMENT CORP., 133 Crosby St., New York 12, N. Y.
VACUUM CANDY MACHINERY CO., 15 Park Row, New York 38, N. Y.
Voorhees Rubber Mfg. Co., 151 E. 50th St., New York 22, N. Y.

MOLDS: for Solid Chocolate

AASTED CHOCOLATE MACHINE Co., 25, Biegdamsvej, Copenhagen 0, Denmark Allmetal Chocolate Mold Co., Inc., 1264 Viele Ave., New York 59, N. Y. American Chocolate Mold Co., 173 Lafayette St., New York 13, N. Y.
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Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill.

26, Ill.
CARLE & MONTANARI, INC., 95 Temple Ave., Hackensack, N. J.
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MOLDS: Hard Candy (Brass)

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Jas. H. Matthews & Co., 3247 Forbes St., Pittsburgh 13, Pa.

Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 23, Pa. 22, Pa.
RACINE CONFECTIONERS' MACHINERY Co., 15 Park
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MOLDS: Rubber

American Chocolate Mould Co., Inc., 173 Lafayette St., New York 13, N. Y. Miller Products Co., Inc., 29 Warren St., New York 7, N. Y. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa. Voorhees Rubber Mfg. Co., 151 E. 50th St., New York 22, N. Y.

MOLDS: Starch

CINCINNATI ALUMINUM CO., DEPT M., 1834 Dana Ave., Cincinnati 7, Ohio J.Frauenberger & Co., 4544 Greene St., Philadelphia 44, Pa. J. M. LEHMANN CO., 550 New York Ave., Lyndhurst, N. J. Thos. Mills & Bro., Inc., 1301 N. 8th St., Philadelphia 22, SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 12, Ill.

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Reynolds Electric Co., 3000 River Road, River Grove, Ill. United Electric Motor Co., 178 Centre St., New York N. Y.

U. S. Motors, Inc., 200 E. Slougen St., Los Angeles, Calif. Wagner Electric Corp., 6400 Flymouth Ave., St. Louis, Me Westinghouse Elec. & Mfg. Co., 306 Fourth Ave., Pitts-burgh 30, Pa. Worthington Corp., Harrison, N. J.

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AASTED CHOCOLATE MACHINE CO., 25, Blegdamsvej, Copenhagen 0, Denmark American Chocolate Mould Co., Inc., 173 Lafayette St., New York 13, N. Y. Berks Engineering Co., 6th & Chestnut Sts., Reading, Pa Brown Bros. Mfg. Co., 11 Canal Place, Bronx, New York 51, N. Y. N. Y.

JABEZ BURNS & SONS, INC., 400 W. 43rd St., New York 51,
N. Y.

JABEZ BURNS & SONS, INC., 400 W. 43rd St., New York
36, N. Y.

CARLE & MONTANARI, INC., 95 Temple Ave., Hackensack, N. J.

Cooler King Mfg. Co., 6013-17 13th Ave., Brooklyn 19, N. Y.

J. W. GREER CO., Wilmington. Mass.

Walter H. Kansteiner Co., 1737 W. Howard St., Chicage
26, Ill.

J. M. LEHMANN CO., 550 New York Ave., Lyndhurst,
N. J.

MIKROVAERK A/S 32-38, Sydmarken, Soborg (Copenhagen) Denmark
NATIONAL EQUIPMENT CORP., 153 Crosby St., New
York 12, N. Y.
RACINE CONFECTIONERS' MACHINERY CO., 15 Park
Row, New York 28, N. Y.
THOUET MASCHINENBAU-AACHEN, Hickelweg 21, Rhineland, Germany T. C. Weygandt Co., 165 Duane St., New York 13, N. Y.

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American Chocolate Mould Co., Inc., 173 Lafayette St., New York 13, N. Y.
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JABEZ BURNS & SONS, INC., 400 W. 43rd St., New York 36, N. Y.
Cooler King Mfg. Co., 6013-17 13th Ave., Brooklyn 19, N. Y.
Walter H. Kansteiner Co., 1737 W. Howard St., Chicage 26, Ill. AASTED CHOCOLATE MACHINE CO., 25, Blegdamsvej, Co-

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Denmark
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Ben-Moore Mfg. Co., 2038 Atlantic Ave., Brroklyn 3, N. Y.

JABEZ BURNS & SONS, INC., 400 W. 43rd St., New York

36, N. Y.

CARLE & MONTANARI, INC., 95 Temple Ave., Hackensnek, N. J.

Cooler King Mfg. Co., 6013-17 13th Ave., Brooklyn 19, N. Y.

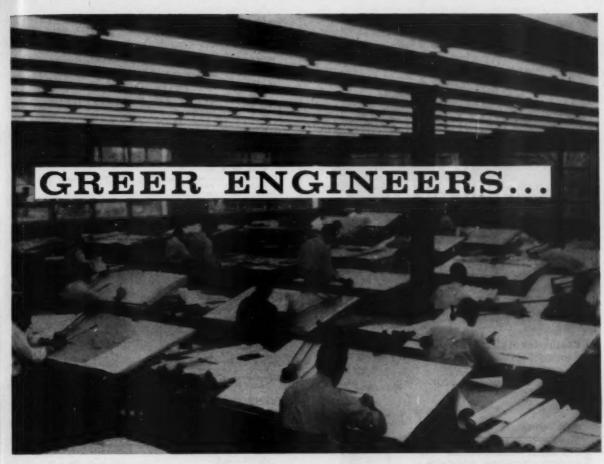
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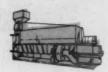
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RACINE CONFECTIONERS' MACHINERY CO., 15 Park Row, New York 38, N. Y.
THOUET MASCHINENBAU-AACHEN, Hickelweg, 21,

Rhineland, Germany

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The Bauer Bros. Co., 1734 Sheridan Ave., Springfield 99, JABEZ BURNS & SONS, INC., 11th Ave. & 43rd St., New

York 36, N. Y.

Champion Machine Co., Inc., 214 W. Jones Ave., San Antonio 2, Texas.

Jeffrey Mfz. Co., 875 N. 4th St., Columbus 16, O.

Meyer Machine Co., P. O. Box 5096, San Antonio, Tex.

THE E. T. OAKES CORP., 26 Commack Rd., Islip, L. I.,

PULVERIZING MACHINERY DIVISION, 61 Chatham Rd. Summit, N. J.
THE WOODMAN CO., 647 E. College Ave., Decatur, Ga.

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American Pistachio Corp., 111 Reade St., New York 13, N. Y. O. Y. Bartholomem, P. O. Box 387, Vineland, N. J. Bauer Bros., 1734 Sheridan Ave., Springfield 99, Ohlo. JABEZ BURNS & SONS, INC., 11th Ave. at 43rd St., New York 18, N. Y. Krispy Kist Korn Machine Co., 120 S. Halsted St., Chicago 6, Ill.

JOHN SHEFFMAN, INC., 152 W. 42nd St., New York 36, N. Y. Specialties Appliance Corp., 1220 W. Van Buren St., Chicago, Ill.

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Foremost Machine Builders, Inc., 52 Vanderbilt Ave., New
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Thomas L. Green & Co., 202 Miley Ave., Indianapolis 4, Ind.
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Haller Oven Co., 601 E. General Robinson St., Pittsburgh Haller Oven Co., 601 E. General Robinson Co., 12, Pa. Walter H. Kansteiner Co., 1737 W. Howard St., Chicago Walter H. Kansteiner Co., 1737 W. Howard St., Chicago Read Machinery Standard Corporation, Inc., York, Pa. Werner Machinery Co., 1765 Alpine N.W., Grand Rapids. Mich.

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H. A. Stiles & Co., 174 Portland St., Boston, Mass.

PANS: Candy (Batch, Display, Crystallizing, Taffy, etc.)

American Chocolate Mould Co., Inc., 173 Lafayette St.,

American Chocolate Mould Co., Inc., 173 Lafayette St., New York 13, N. Y. Berks Engineering Co., Sixth & Chestnut Sts., Reading, Pa. Bucyrus Kuttle Works, Inc., Rucyrus, Ohio. Thomas Burkhard, Inc., 494 Flushing Ava., Brooklyn 51, N. Y.

N. Y. Waiter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, 1ll.
The Lawkwood Mfg. Co., 650 W. 3d St., Cincinnati, Ohio.
Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia

22, Pa. National Enameling & Stamping Co., 270 N. 12th St., Mil-

National Final Holing & Stamping Co., 270 N. 12th St., Milwalike, Wis.

RACTINE CONFECTIONERS' MACHINERY CO., 18 Park
Row, New Yok 38, N. Y.

\$1 AGE HROS. Co., 2338 Gladys Ave., Chicago 12, 111.

\$1 AND ARD CASING Co., 121 Spring St., New York 12,
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YACLUM CANDY MACHINERY CO., 15 Park Row, New
York 38, N. Y.

WEAR-EVER ALUMINUM, INC., 5th & 11th Sts., New
Kensington, Pa.

PANS: Revolving

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Brighton Copper Works, 2160 Western Ave., Cincinnati, O. Bucyrus Kettle Works, Inc., Bucyrus, Ohio. Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn 5,

N. Y. CARLE & MONTANARI, INC., 95 Temple Ave., Hackensack, N. J.
CHOCOLATE SPRAYING CO. INC., 2035-39 W. Grand Ave., Chicago 12, III.—N. Y. Rep.—John Sheffman, 152 W. 42nd St., New York 18, N. Y. Groen Mfg. Co., 4535 Armitage Ave., Chicago 39, Ill. Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 94 III.

Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill. Jos. Kopperman & Sons, 310 New St., Philadelphia 6, Pa. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.

zz, Pa. Ransome Machinery Co., Dunellen, N. J. AVAGE BROS. Co., 2638 Gladys Ave., Chicago 12, Ill. F. J. Stokes Machine Co., 5902 Tabor Rd., Philadelphia 20,

PANS: Vacuum (See Cookers)

PEANUT FRYERS

JABEZ BURNS & SONS, INC., 11th Ave. & 43rd St., New

Krispy Kist Korn Machine Co., 120 S. Halsted St., Chicago 6, Ill.

Long Eakins Co., 27 Primrose Pl., Springfield 99, Ohio, Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia

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Entoleter Division, The Safety Car Heating & Lighting Co. Inc., P.O. Box 904, New Haven 4, Conn.
HANSELLA MACHINERY CORP., Grand & Ruby Aves., Pallsades Park, N. J.
Hohberger Mfg. Co., 3300 N. Kenneth St., Chicago 41, Ill.

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Hohberger Mfg. Co., 3300 N. Kenneth St., Chicago 41, Ill.
PACKAGE MACHINERY CO., East Longmendow, Mass.
RACINE CONFECTIONERS MACHINERY CO., 15 Park
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VACUUM CANDY MACHINERY CO., 15 Park Row, New
York 36, N. Y.

POPCORN BALL MACHINE

Concession Supply Co., 3916 Secor Road, Toledo 13, O. Ketchel Engineering Co., 1401 Palisade Ave., West Englewood, N. J. (wrapping)
Krispy Kist Korn Machine Co., 120 S. Halsted St., Chicago 6, Ill.

Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.

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General Controls Co., 861 Allen Ave., Glendale 1, Calif.
General Electric Co., 1 River Road, Schenectady, N. Y.
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Jas. P. Marsh Corp., 3501 Howard St., Skokie, Ill.
Minneapolis Honeywell Regulator Co., Brown Instrument
Division, Wayne & Roberts Ave., Philadelphia 44, Pa.
The Powers Regulator Co., 3400 Oakton St., Skokie, Ill.
Scientific Instrument Co., 1041 Second Ave., Detroit 26,
Mich. TAYLOR INSTRUMENT COMPANIES, 95 Ames St., Roch-

ester I, N. Y.
Weston Electrical Instrument Corp., 614 Felinghuysen
Ave., Newark 5, N. J.

PRINTER: Starch

Thomas Mills & Brother, Inc., 1301 N. 8th, Philadelphia SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 12, Ill.

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The Powers Regulator Company, 3400 Oakton St., Skokie, Precision Thermometer & Instrument Co., 1434 Brandy-wine St., Philadelphia, Pa. TAYLOR INSTRUMENT COMPANIES, 95 Ames St., Rock-ester 1, N. Y.

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PULLING MACHINES: Candy

CARLE & MONTANARI, 95 Temple Ave., Hackensack, N. J. Concession Supply Co., 3916 Secor Rd., Toledo 13, Ohlo. HANSELLA MACHINERY CORP., Grand & Ruby Aves., Palisades Park, N. J.
Thomas Mills & Brother, Inc., 1301 N. 8th, Philadelphia 32, Pa. NATIONAL EQUIPMENT CO., 318 Lafayette, New York 12, N. Y.
SAVAGE BROS. CO., 2638 Gladys Ave., Chicago 12, Ill.
Scholi Machinery Co., 1 Jenkins St., Pittsburgh 5, Pa.
JOHN SHEFFMAN, INC., 152 W. 42nd St., New York 34,
N. Y.
W. C. Smith & Sons, Inc., 2539 No. 9th St., Philadelphia New York 12, N. Y. VACUUM CANDY MACHINERY Co., 15 Park Row, New York 38, N. Y.

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CHOCOLATE SPRAYING CO., INC., 2035-39 W. Grand Ave., Chicago 12, Ill.
J. W. GREER CO., Wilmington, Mass.
MILL RIVER TOOL CO., 38 Cass St., Springfield, Mass.
NATIONAL EQUIPMENT CORP., 153 Crosby St., New York 12, N. Y.
RACINE CONFECTIONERS' MACHINERY CO., 15 Park Row, New York 38, N. Y.
SAVAGE BROS. CO., 2038 Gladys Ave., Chicago 12, Ill. JOHN SHEFFMAN, INC., 152 W. 42nd St., New York 38, N. Y.

PUMPS: Barrel (for Dispensing Liquids)

Barrett-Christie Co., 108 N. Clinton St., Chicago 6, Ili.
Blackmer Pump Company, 1809 Century Ave., Grand Rapids 9, Mich.
Food Machinery & Chemical Corp., Sprague Sells, Div.
Hoopeston, Ili.
General Scientific Equipment Co., 7516 Limekiln Pike,
Philadelphia 50, Pa. rniadeipnia 50, Pa.
Goulds Pumps, Inc., 300 Fall St., Seneca Falls, N. Y.
J. W. GREER CO., Wilmington, Mass...
Klensade Products, Inc., Beloit, Wis.
Machinery & Equip. Corp., 533 W. Broadway, New York
12, N. Y.

Allis-Chalmers Mfg. Co., Milwaukee 1, Wis.
Alsop Engineering Co., 800 Canfield St., Milldale, Conn.
Barrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill.
Buffalo Forge Co., 490 Broadway, Buffalo 4, N. Y.
Chain Belt Co., Milwaukee 1, Wis.
Cherry-Burreil Corp., 427 W. Randolph St., Chicago 6, Ill.
Chocolate Spraying Co., Inc., 2035-39 W. Grand Ave., Chicago 12, Ill.
CONFECTION MACHINE SALES CO., 407 S. Dearborn St.,
Chicago 5, Ill.
Eco Engineering Co., 12 New York Ave., Newark 1, N. J.
Ertel Engineering Corp., Kingston, N. Y.
Fairbanks, Morse & Co., 600 S. Michigan Ave., Chicago 5, Ill.
Food Machinery & Chemical Corp., Sprague Sells Div.,
Hooppeston, Ill.
Foster Pump Works, Inc., 50-A Washington St., Brooklyn
1, N. Y.
General Scientific Equipment Co., 7516 Limekiln Pike. PUMPS: Centrifugal (for Brine or Water) General Scientific Equipment Co., 7516 Limekiln Pike, Philadelphia 50, Pa. Coulds Pumps, Inc., 300 Fall St., Seneca Falls, N. Y. J. W. GREER Co., Wilmington, Mass.

HANSELLA MACHINERY CORP., Grand & Ruby Aves., Palisades Park, N. J.

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Klenzade Products, Inc., Beloit, Wis.
Taber Pump Co., 289 Elm St., Buffalo, N. Y.
The Trane Co., 296 Cameron St., La Crosse, Wisconsin.
Tri-Clover Machine Co., 2809-60th St., Kenosha, Wis.
Ulrich Mfg. Co., Roanoke, III.
United Electric Motor Co., 178 Centre St., New York 13,

PUMPS: (for Syrups, Fondant, Chocolate Liquor, Molasses, etc.)

Allis Chalmers Mfg. Co., Milwaukee 1, Wis.
Louis M. Barish, 441 Lexington Ave., New York 17, N. Y.
Blackmer Pump Co., 991 Century Ave., Grand Rapids, Mich.
Cherry-Burrell Corp., 427 W. Randolph St., Chicago 6, Ill.
CHOCOLATE SPRAYING COMPANY, Chicage 12, Ill. Representative: John Sheffman, Inc., 152 W. 42nd St., NepYork 36, N. Y.
Fairbanks, Morse & Co., 600 S. Michigan Ave., Chicago
6, Ill. Listings continued

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Food Machinery & Chemical Corp., Sprague Sells Div., Hoopeston, Ill. Foster Pump Works, Inc., 52-A Washington St., Brook-lyn 1, N. Y. General Scientific Equipment Co., 7516 Limekiin Pike, Dalidelphie 50 Pa

General Scientific Equipment Co., 7516 Limekiin Pike, Philadelphia 50, Pa.

J. W. GREER COMPANY, Wilmington, Mass.
Groen Mfg. Co., 4635 Armitage Ave., Chicago 39, Ill.
Klenzade Products, Inc., Beloit, Wis.
MIKROVAERK A/S, 32-38 Sydmarken, Soborg (Copenhagen) Denmark
Package & Equipment Development Co., 1450 W. Hubbard
St., Chicago 22, Ill.
RACINE CONFECTIONERS' MACHINERY CO., 15 Park
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Taber Pump Co., 209 Elm St., Buffalo, N. Y.
Tri-Clover Machine Co., 2809-60th St., Kenosha, Wisc.
Ulrich Mfg. Co., 204 Husseman Rd., Roanoke, Ill.
United Electric Motor Co., 178 Centre St., New York
13, N. Y.
Viking Pump Co., 4th & Boyangs St., Code, Bull.

Viking Pump Co., 4th & Boyenga Sts., Cedar Falls, Iowa. Waukesha Foundry Co., Waukesha, Wis. The Yale & Towne Mfg. Co., Henry St., Stamford, Conn.

PUMPS: Vacuum

Allis-Chalmers Mfg. Co., Milwaukee 1. Wis Central Scientific Co., 1700 Irving Park Rd., Chicago 13, Ill. Foster Pump Works, Inc., 52-A Washington St., Brooklyn 1, N. Y.

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HANSELLA MACHINERY CORP., Grand & Ruby Aves., Palisades Park, N. J. Hohberger Mfg. Co., 3300 N. Kenneth St., Chicago 41, Ill. Holly Pneumatic Systems, Inc., 15 E. 46th St., New York 16, N. Y.

16, N. Y.
The Nash Engineering Co., 388 Wilson Ave., South Norwalk, Conn.
RACINE CONFECTIONERS' MACHINERY Co., 15 Park
Row, New York 38, N. Y.
SAVAGE BROS. Co., 2688 Gladys Ave., Chicago 12, Ill.
F. S. Stokes Machine Co., Tabor Rd. at Adams Ave., Philadelphia 20, Penn.

HACKS: Barrel

Barrett-Cravens Co., 630 Dundee Road, Northbrook, Ill.

CRESCENT METAL PRODUCTS, INC., 18901 St. Clair Ave., Cleveland 16, O.

Economy Engineering Co., 4511 W. Lake St., Chicago, Ill The Fairbanks Co., 393 Lafayette St., New York 3, N. Y.

General Scientific Equipment Co., 7516 Limekiln Pike, Philadelphia 59, Pa.

Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Morse Mfg. Co., Inc., 727 W. Manlius St., E. Syracuse, N. Y. SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 29, Ill.

RACKS (for Trays and Plaque Boards)

CRESCENT METAL PRODUCTS, INC., 18901 St. Clair Ave., Cleveland 10, Ohio. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.

Modern Caster Company, 714 South St., Rockford, Ill. Union Steel Products Co., 6 Pine Ave., Albion, Mich. SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 29, Ill.

REBUILT MACHINERY

ACME COPPERSMITHING CO., 2835 Maypele Ave., Chicage 12, III.
Baker's Machine Corp., 25 Mercer St., New York 13, N. Y.
Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn 5,

N. Y.
FRED 5. CARVER, INC., 1 Chatham Rd., Summit, N. J.
Chocolate Spraying Co., Inc., 2035-39 W. Grand Ave., Chicago 12, Ill.
Dellenbarger Machine Company, Inc., 379 W. Brondway,
New York 12, N. Y.
First Machinery Co., 289 10th St., Brooklyn 15, N. Y.
J. M. LEHMANN CO., 550 New York Ave., Lyndhurst, N. J.
Loeb Equipment Co., 824 W. Superior St., Chicago 22, Ill.
Thomas Mills & Brother, Inc., 1301 N. 8th, Philadelphia
23, Pa.

SAVAGE BROS. CO., 2828 Gladys Ave., Chiengo 12, III.
UNION CONFECTIONERY MACHINERY CO., INC., 318
Lafayette St., New York 12, N. Y.
I. Young & Co., Inc., 78-84 Liverpool St., East Boston 28,
Mass.

REFRIGERATING MACHINERY (See Air Conditioning)

ROLLERS: Fruit Drop (for Hard Candy)

CARLE & MONTANARI, 95 Temple Ave., Hackenanck, N. J. CHOCOLATE SPRAYING CO., INC., Chicage 12, III.—N. Y. Rep.—John Sheffman, 152 W. 42nd 8t, New York 38, N. Y. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia

ACINE CONFECTIONERS' MACHINERY CO., 15 Park Row, New York 38, N. Y.

SANDING MACHINE: Sugar

CHOCOLATE SPRAYING CO., INC., Chicage 12, III.—N. Y. Rep.—John Sheffman, 152 W. 42nd St., New York 26, N. Y. NATIONAL EQUIPMENT CORP., 153 Crosby St., New York 12, N. Y. SAVAGE BROS. CO., 2638 Gludys Ave., Chicage 12, III. Weigh Rite Automatic Scale Co., Mills Road, Joliet, III.

SCALES: Batching

Barrett-Christie Co., 1088 N. Clinton St., Chicago 6. Ill. Buffalo Scale Co., 46 Letchworth St., Buffale 13, N. Y. Detecto Scales Inc., 540 Park Ave., Brooklyn 6, N. Y. Exact Weight Scale Co., 538 E. Town St., Columbus 15, O. Fairbanks, Morse & Co., 600 S. Michigan Ave., Chicago 5,

Glengarry Processes, Inc., Bay Shore, N. Y. Walter H. Kansteiner Co., 1737 W. Howard St., Chicago

Glengarry Processes, Inc., Eav Shore, N. Y. Walter H. Kansteiner Co., 1787 W. Howard St., Chicago 26, Ill.
Ohaus Scale Corp., Box 276, Union, N. J.
Read Standard Division, York, Pa.
Toledo Scale Co., 1013 Telegraph Rd., Toledo 12, Ohio.
Triner Scale & Mfg. Co., 2700 W. 21st St., Chicago 8, Ill.
Yale & Towne Mfg. Co., 4530 Tacony St., Philadelphia 24, Pa.

SCALES: Counter

Barrett-Christie Co., 1088 N. Clinton St., Chicago 6. Ill. Buffalo Scale Co., Inc., 46 Letchworth St., Buffalo 13, N. Y. Detecto Scales Inc., 540 Park Ave., Brooklyn 5, N. Y. Fairbanks, Morse & Co., 600 S. Michigan Ave., Chicago, Ill. The Hobart Co. Pennsylvania Ave., Troy, Ohio. Howe Scale Co., Rutland, Vt. Walter H. Kansteiner Co., 1787 W. Howard St., Chicago 26, 1ll.

26, 111.
Ohaus Scale Corp., 1050 Commerce Ave., Union, N. J.
Pelouze Mfg. Co., 1218 Chicago Ave., Evanston, Ill.
Toledo Scale Co., 1013 Telegraph Rd., Toledo 12, Ohio.
Triner Scales Co., 2700 W. 21st St., Chicago 3, Ill.
Henry Troemmer, 911 Arch St., Philadelphia 7, Pa.
Yale & Towne Mfg. Co., 4530 Tacony St., Philadelphia

SCALES: Laboratory

Rarrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill. Central Scientific Co., 1700 W. Irving Pk., Chicago 13, Ill. Colloid Equipment Co., Inc., 50 Church St., New York 7, N. Y.

Detecto Scales, Inc., 540 Park Ave., Brooklyn 5, N. Y. Exact Weight Scale Co., 538 E. Town St., Columbus 15, O. Pairbanks, Morse & Co., 600 S. Michigan Ave., Chicago 5, Ill.

III.
Fisher Scientific Co., 633 Greenwich St., New York 14, N. Y.
General Scientific Equipment Co., 7516 Limekiln Pike,
Philadelphia 50, Pa.
Laboratory Equipment Co., 26 Court St., Brooklyn, N. Y.
Oak Lawn Shippers Supply Co., 5129 W. 99th St., Oak Lawn,

III.
Ohaus Scale Corp., 1050 Commerce Ave., Union, N. J.
Pelouze Mfg., Co., 1218 Chicago Ave., Evanston, III.
Toledo Scale Co., 1013 Telestraph Rd., Toledo, Ohio.
Triner Scale & Mfg Co., 2714 W. 21st St., Chicago \$, III.
Henry Troemmer, 911 Arch St., Philadelphia 7, Pa.
Yale & Towne Mfg. Co., 4530 Tacony St., Philadelphia
24, Pa.

SCALES (for Packaging, Shipping and Receiving Departments)

Receiving Departments)

Farrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill.

Buffalo Scale Co., Inc., 46 Letchworth St., Buffalo 13, N. Y.

Buffaes Fastening Co., 1220 W. 2th St., Cleveland 13,

Ohio.

Detecto Scales Inc., 540 Park Ave., Brooklyn 5, N. Y.

Exact Weight Scale Co., 538 E. Town St., Columbus 15, O.

Fairbanks, Morse & Co., 600 S. Michigan Ave., Chicago, Ill.

Glue Fast Equipment Co., Inc., 9-11 White St., New York

13, N. Y.

Hayssen Manufacturing Co., 1305 St. Clair Ave., Sheboygan, Wis.

Howe Scale Co., Rutland. Vt.

Walter H. Kansteiner Co., 1727 W. Howard St., Chicago

26, Ill.

Mercury Heat Sealing Equipment Co., 2601 N. Howard St.,

Philadelphia 33, Pa.

Oak Lawn Shippers Supply Co., 5129 W. 99th St., Oak

Lawn, Ill.

Ohaus Scale Corp., 1050 Commerce Ave., Union, N. J.

Pneumatic Scale Corp., Newport Ave., Quincy 71, Mass.

Toledo Scale Co., 1013 Telegraph Rd., Toledo 12, Ohio.

Triner Scales & Mfg. Co., 2700 W. 21st St., Chicago 8, Ill.

U. S. Automatic Box Machinery Co., 18 Arboretum St.,

Rosindale 31, Mass.

Weigh Rits Automatic Scale Co., Mills Road, Joliet, Ill.

Yale & Towne Mfg. Co., 4530 Tacony St., Philadelphia

24, Pa.

SCOOPS: Candy

WEAR-EVER ALUMINUM INC., Wenr-Ever Bldg., New Kensington, Pa.
Concession Supply Co., 3916 Secor Road, Toledo 13, O.
Consolidated Siphon Supply Co., Inc., Terriss Div., 22
Wooster St., New York 13, N. Y.
Detecto Scales Inc., 540 Park Ave., Brooklyn 5, N. Y.
Krispy Kist Korn Machine Co., 120 So. Halsted St., Chicago 6, 111. 6, Ill.
SAVAGE BROS. CO., 2628 Gladys Ave., Chicago 12, Ill.
TivE STANDARD CASING CO., INC., 121 Spring St., New
York 12, N. Y. (Stainless Steel)
Henry Troemner, 911 Arch St., Philadelphia 7, Pa.

SCRAPERS: Kettles or Pon

ACME COPPERSMITHING CO., 2535 W. Maypole Ave., Chicago 12, Ill. Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn 5, N. Y. Klenzade Products, Inc., P. O. Box 1020, Beloit, Wis. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa. SAVAGE BROS. CO., 2638 Gladys Ave., Chicage 12, Ill.

Thomas Mills & Brother, Inc., 1301 N. 8th, Philadelphia SAVAGE BROS, Co., 2038 Gladys Ave., Chicago 12, Ill.

SIEVE: Hand

THE ALUMINUM COOKING UTENSIL Co., 5th & 11th Sts., New Kensington, Pa. Great Western Mfg. Co., 208 Chotaw St., Leavenworth, New Kensington, Pa.. Great Western Mfg. Co., 208 Chotaw St., Leavenworth, Kans. Thomas Mills & Brother, Inc., 1301 N. 8th, Philadelphia 23, Pa. SAVAGE BROS, Co., 2038 Gladys Ave., Chicage 12, Ill.

SIFTERS: Sifting Machines See also CLEANERS: Starch

Allis-Chalmers Mfg. Co., Milwaukee 1, Wis.
\rthur Colton Co., 2600 E. Jefferson, Detroit 7, Mich.
The J. H. Day Co., Inc., 4932 Beach St., Cincinnati 12, Ohio
Great Western Mfg. Co., 218 Choctaw St., Leavenworth, Kans.

J. M. LEHMANN CO., INC., Lyndhurst, N. J.

Thomas Mills & Brother, Inc., 1301 N. 8th, Philadelphia 22, Pa.

Schutz-O'Neill Co., 307 Portland Ave., Minneapolis 15,

Minn. Union Steel Products Co., 6 Pine Ave., Albion, Mich.

SIZING MACHINES

CARLE & MONTANARI, INC., 95 Temple Ave., Hacken-N. Y. Rep.—John Sheffman, 152 W. 42nd St., New York 36, N. Y.
The J. H. Day Co., 42932 Beech St., Cincinnati 12, O. 36, N. Y.

The J. H. Day Co., 42932 Beech St., Cincinnati 12, O.

WALTER H. KANSTEINER Co., 1737 W. Howard St.,
Chicago 26, Ill.

Thomas Mills & Brother, Inc., 1301 N. 8th, Philadelphia
22, Pa.

PACKAGE MACHINE CO., East Longmeadow, Mass.

RACINE CONFECTIONERS' MACHINERY CO., 15 Park
Row, New York 38, N. Y.

SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 12, Ill.

W. C. Smith & Sons, 2539 No. 9th St., Philadelphia 33, Pa.

SLAB BARS

ACME COPPERSMITHING Co., 2535 W. Maypole Ave., Chiengo 12, Ill. Walter H. Kansteiner Co., 1727 W. Howard St., Chicago Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill.
Thomas Mills & Brother, Inc., 1301 N. \$th, Philadelphia 22, Pa. SAVAGE BROS, CO., 2038 Gladys Ave., Chicago 12, Ill.

SLABS: Cooling

ACME COPPERSMITHING CO., 2535 Maypole Ave., Chicage Connecticut Marine Boiler Works, Inc., 420 Barnum Ave., Cutoff, Stratford, Conn.

HANSELLA MACHINERY CORP., Grand & Ruby Aves., Palisades Park, N. J.

Waiter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill. Thomas Mills & Brother, Inc., 1301 N. 8th, Philadelphia 22, Pa.
RACINE CONFECTIONERS' MACHINERY CO., 15 Park
Row, New York 38, N. Y.
SAVAGE BROS, CO., 2638 Gladys Ave., Chicago 12, Ill.
VACUUM CANDY MACHINERY CO., 15 Park Row, New
York 38, N. Y.

SLABS: Covers

BURRELL BELTING CO., 7501 N. St. Louis Ave., Skokie, Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill. 26, III. VOSS BELTING & SPECIALTY CO., 5645 N. Ravenswood Ave., Chicago 26, III.

SLABS: Marble

Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill. Thomas Mills & Brother, Inc., 1301 N. 8th, Philadelphia 22, Pa. SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 12, Ill.

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SORTING MACHINES: Electric

Electric Sorting Machine Co., 410 44th St., S.E., Grand Rapids 8, Mich.

SPACE HEATERS:

American Blower Co., 6000 Russell St., Detroit, Mich. Buffalo Forge Co., 490 Broadway, Buffalo 4, N. Y. Carrior Corp., Syracuse 1, N. Y. CHOCOLATE SPRAYING CO., INC., 2035 W. Grand Ave., Chicago 12, Ill. CHOCOLATE SPRAYING CO., INC., 2035 W. Grand Ave. Chiengo 12, Ill.
Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis. J. W. GREER COMPANY, Winnington, Mass.
D. J. Murray Mfg. Co., Wausu, Wis.
Spee-Dee Packaging Machinery Corp., 1818 W. 74th St., Chicago 36, Ill.
Surface Combustion Corp., 2376 Dorr St., Toledo, Ohio.
The Trane Co., 206 Cameron Ave., La Crosse, Wis.
Westinghouse Electric Corp., 3 Gateway Center, Pittsburgh 30, Pa.

SPINNING MACHINES

American Machine & Foundry Co., 261 Madison Ave., New York 16, N. Y. Chocolate Spraying Co., Inc., 2035-39 W. Grand Ave.. Chi-cago 12, Ill. PACKAGE MACHINERY COMPANY, East Longmendow, SAVAGE BROS. CO., 2638 Gladys Ave., Chicago 12, Ill. Vacuum Candy Machinery Co., 15 Park Row, New York 38, N. Y. T. C. Weygardt Co., 165 Duane St., New York 13, N. Y.

SPREADER: Candy

Chocolate Spraying Co., Inc., 2035-39 W. Grand Ave., Chicago 12, Ill.
Thomas Mills & Brother, Inc., 1301 N. 8th, Philadelphia 22, Pa. SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 12, Ill.

STACKERS: Starch Trays

Parrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill. Currie Mfg. Co., 1150 Walsh Ave., Santa Clara, Calif. Hyster Co., 2902 N.E. Clackamas, Portland 8, Ore. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72. Mass. 72, Mass. Market Forge Co., 35 Greene St., Everett 49, Mass.

STARCH CLEANERS & CONDITIONERS

Allis-Chalmers Mfg. Co., Milwaukee 1, Wis. Currie Mfg. Co., 1150 Walsh Ave., Santa Clara, Calif. ECONOMY EQUIPMENT CO., Chicago, Ill. Representative: John Sheffman, Inc., 152 W. 42nd St., New York 38, N. Y. Great Western Mfg. Co., 208 Choctaw St., Leavenworth, M. A. Huhn Mfg. Co., 3915 Hiawatha Ave., Minneapolis 6, Minn. The Kent Co., 406 Canal St., Rome, N. Y. (Vacuum portable). Klenzade Products, Inc., P. O. Box 1020, Beloit, Wis. J. M. LEHMANN COMPANY, INC., 550 New York Ave., Lyndhurst, N. J.
NATIONAL EQUIPMENT CORP., 153 Crosby St., New York SAVAGE BROS. CO., 2638 Gladys Ave., Chicago 29, III. The Wolf Co., 31 Commerce St., Chambersburg, Pa.

STARCH MOULDING EQUIPMENT

Cantab Industries, P. O. Box 54, Station Q, Toronto, Ont. Canada Currie Mfg. Co., 1150 Walsh Ave., Santa Clara, Calif. J. M. LEHMANN COMPANY, INC., Lyndhurst, N. J. NATIONAL EQUIPMENT CO., 153 Crosby St., New York 12, N. Y.

STENCILING MACHINES

Darrett-Christie Co., 168 N. Clinton St., Chicago 6, Ill.
Diagraph-Bradley, P. O. Box 247. Herrin, Ill.
Embosograf Corp. of America, 38 W. 21st St., New York
10, N. Y.
Food Machinery & Chemical Corp., Sprague Sells Div.,
Hoopeston, Ill.
Ideal Stitcher & Mfg. Co., 100 Fourth St., Racine, Wis.
Markwell Mfg. Co., Inc., 200 Hudson St., New York 13, N. Y.
Jas. H. Matthews & Co., 3947 Forbes St., Pittsburgh 13, Pa.
The Multistamp Co., Inc., Norfolk, Va.
Weber Marking Systems, 215 E. Prospect Ave., Mt. ProsPect, Ill.

STICK CANDY MACHINES

WALTER H. KANSTEINER CO., 1737 W. Howard St., Chicago 26, Ill.
Thomas Mills & Brother, Inc., 1201 N. 8th, Philadelphia 22, Pa.
MONROE—Representative: John Sheffman, Inc., 152 W. 42nd St., New York 36, N. Y.
RACINE CONFECTIONERS' MACHINERY CO., 15 Park Row, New York 38, N. Y.
YACUUM CANDY MACHINERY CO., 15 Park Row, New York 38, N. Y.

STICKS: Sucker

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Cell-O-Core Corp., 624 S. Michigan Ave., Chicago 5, Ill. Forster Mfg. Co., Inc., 79 Main, Farmington, Maine Hardwood Products Co., Mayville, Michigan (hardwood) WALTER H. KANSTEINER CO., 1737 W. Howard St., Chicago 26, Ill.
Thos. Mills & Bro., Inc., 1301 N. 8th St., Philadelphia 22, Pa.

RACINE CONFECTIONERS' MACHINERY Co., 15 Park Row, New York 38, N. Y. Setter Bros., Inc., Cattaraugus, N. Y. (Paper) H. A. Stiles Co., 160 Washington St., Boston 14, Mass.

STITCHERS: Wire

Postitch, Westerly, R. I.
The Burgess Fastening Co., 1220 W. 9th St., Cleveland
13. Ohio.
Dexter Folder Co., Pearl River, New York, N. Y.
A. J. Gerrard & Co., 221 N. LaSalle St., Chicago 1, Ill.
Hoffert Machine Co., Racine, Wis.
Ideal Stitcher Co., Div. of W. R. Pabich Mfg. Co., 2855 N.
Rockwell St., Chicago 18, Ill.
International Staple & Machine Co., Tavertown, Penn.
Charles E. King & Co., 960 W. Chicago Ave., Chicago
22, Ill.
Minco Products Corp., 167 Wooster St., New York, N. Y.

STOCK BOXES

Barrett-Cravens Co., 630 Dundee Road, Northbrook, Ill. BAYWOOD MFG. CO., INC., 2753 Stillwell Ave., Brooklyn MOLDED FIBRE GLASS TRAY CO., Linesville, Pa. 24, N. Y.

STORAGE TANKS (for Raw Materials)

Cherry-Burrell, Corn., 427 W. Randolph St., Chicago 6, Ill. Concession Supply Co., 3916 Secor Rd., Toledo 13, Ohio J. C. CORRIGAN Co., INC., 41 Norwood St., Boston 22, Mass.
Cramery Package Mfs. Co., 1242 W. Washington Blyd.,

Mass.
Creamery Package Mfg. Co., 1243 W. Washington Blvd.,
Chicago 7, Ill.
Food Machinery & Chemical Corp., Sprague Sells Div.,
Hoopeston, Ill.
Groen Mfg. Co., 4535 Armitage Ave., Chicago 39, Ill.
Rodney Hunt Machine Co., 33 Vale St., Orange, Mass.
L. O. Koven & Brother, Inc., 154 Ogden Ave., Jersey City 7,
N. J.

N. J.

N. J.

N. J.

M. LEHMANN CO., 550 New York Ave., Lyndhurst, N. J.

Nukem Products Corp., 111-119 Colgate Ave., Buffalo 20,

N. Y.

The Pfaudler Co., 1000 West Ave., Rochester 3, N. Y.

STANDARD CASING CO., 121 Spring St., New York 12,

N. Y. (Stainless) CHAS. H. STEHLING CO., 1363 N. 4th St., Milwaukee, Wis. Tote System, Inc., Beatrice, Nebr.

STOVES: Gas & Electric

ACME COPPERSMITHING CO., 2535 Maypole Ave., Chicago 12, III. (gas)
Krispy Kiat Korn Machine Co., 120 So. Halsted St., Chicago 6. III
Long Eakins Company, 27 S. Primrose, Springfield, O.
Thomas Mills & Brother, Inc., 1301 N. 8th, Philadelphia 22, Pa.
SAVAGE BROS. Co., 2638 Gindys Ave., Chicago 12, III. (gas, 611)
Surface Combustion Corp., 2375 Dorr St., Toledo 1, O.
VACUUM CANDY MACHINERY Co., 15 Park Row, New York 38, N. Y.

STRINGER (or Stroker) for Chocolate Coated

CHOCOLATE SPRAYING COMPANY, 2025 W. Grand Ave... Chicago 12, III.—N. Y. Rep.—John Sheffman, 152 W. 42nd St., New York 36, N. Y. Walter H. Kansteiner Co., 1727 W. Howard St., Chicago 26, III.
National Equipment Co., 153 Crosby St., New York 12, N. Y.

SUCKER MACHINE

CHOCOLATE SPRAYING CO., INC., Chicago 12, III.—Representative: John Sheffman, Inc., 153 W. 42nd St., New York 36, N. Y.
Walter H. Kansteiner Co., 1787 W. Howard St., Chicago 26, III.
VACUUM CANDY MACHINERY CO., 15 Park Row, New York 38, N. Y.

SUCKER ROLLERS

CHOCOLATE SPRAYING COMPANY, 2008 W. Grand Ave., Chicago 12, Ill. Vacuum Candy Machinery Co., 15 Park Row, New York 38, N. Y.

SUGAR: Bulk Installations

Albert Air Conveyor Corp., 600-16th St., Oakland, Calif. J. C. Corrigan Co., Inc., 41 Norwood St., Boston 22, Mass. General American Transportation Corp., 135 S. La Salle St., Chicago, Illinois St., Chicago, Illinois Co., 875 N. 4th St., Columbus 16, O. Link Belt Company, 307 N. Michigan Ave., Chicago, Illinois Read Standard Division, York, Pa.
A. O. Smith Company, P. O. Box 28, Kankakee, Illinois Tote System, Inc., 650 South 7th, Beatrice, Nebraska

SUGAR WAFER CUTTING and SPREADING MACHINES

CHOCOLATE SPRAYING COMPANY, 2025 W. Grand Ave., Chicago 12, III.—N. Y. Rep.—John Sheffman, 152 W. 42nd 5t., New York 18, N. Y.
Foremost Machine Builders, Inc., 52 Vanderbilt Ave., New York 17, N. Y.
RACINE CONFECTIONERS' MACHINERY CO., 15 Park Row, New York 28, N. Y.

TABLE: Chocolate Shaking

Cooler King Mfg. Co., 6013-17 13th Ave., Brooklyn 19, N. Y. Robins Engineering Co., 729 Stone Ave., Brooklyn 12, N. Y. Vacuum Candy Machinery Co., 15 Park Row, New York 38, N. Y.

TABLES: Conveyor

Berlin Chapman Company, Berlin, Wis.
Chisholm Ryder Co. of Penna., 218 E. Chestnut St., Hanover, Pa.
J. C. CORRIGAN CO., INC., 41 Norwood St., Boston 22,
Mass.
Doughboy Industries, Inc., New Richmond, Wis.
Jeffrey Mfg. Co., 875 N. 4th, Columbus 16, Ohio
Market Forge Co., 35 Garvey St., Everett 49, Mass.
Meyer Machine Co., P. O. Box 5096, San Antonio, Texas
National Equipment Co., 153 Crosby St., New York 12,
N. Y.
RACINE CONFECTIONERS' MACHINERY Co., 15 Park
Row, New York 38, N. Y.
Scientific Filter Co., 57 Rose St., New York 7, N. Y.

TABLES: Cooling, Conveying and Packing

American Production Machine Co., 109 35th St., Union City, N. J.

Ren-Moore Mfg. Co., 3039 Atiantic Ave., Brooklyn 8, N. Y.

Berks Engineering Co., Sixth & Chestnut Sts., Reading, Pa.

Berlin Chapman Co., Berlin, Wis.

The E. W. Buschman Co., 4461 Clifton Ave., Cincinnati 22, O.

J. C. Corrigan Co., Inc., 41 Norwood St., Boston 33, Mass. Connecticut Marine Boller Works, Inc., 420 Barnum Ave., Cutoff. Stratford, Conn.

HANSELLA MACHINERY CORP., Grand & Ruby Aves., Palisades Park, N. J.

RACINE CONFECTIONERS' MACHINERY CO., 15 Park Row, New York 38, N. Y.

REFLECTOTHERM, INC., 26 E. University Ave., Cincinnati 19, O.

SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 12, III.

TABLES: Gas Warming (for Hard Candy)

Thomas Mills & Brother, Inc., 1301 N. 8th St. Philadelphia 22, Pa. SAVAGE BROS. CO., 2838 Gladys Ave., Chicago 12, Ill.

TABLES: Packing

All-Luminum Products, 43 N. 3rd St., Philadelphia 6, Pa. Angle Steel Stool Co., 400 W. Oak St., Plainwell, Mich. J. C. Corrigan Co., Inc., 41 Norwood St., Boston 22, Mass. Economy Equipment Co., Inc., 4800 S. Hoyne Ave., Chlcago 9, Ill.

J. W. GREER Co., Wilmington, Mass.
Lyon Metal Products, Inc., 5000 Montgomery St., Aurora. Ill.

W. C. Smith & Sons, Inc., 2539 N. 9th St., Philadelphia 33, Pa.

THE STANDARD CASING CO., INC., 121 Spring St., New York 12, N. Y.

VACUUM CANDY MACHINERY CO., 15 Park Row, New York 38, N. Y.

TABLES: Steam & Water Mould (See Slabs)

ACME COPPERSMITHING CO., 2535 W. Maypole Ave., Chicago 12, Ill. Chicago 12, 111. Barrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill. Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa. SAVAGE BROS. Co., 2638 Girdys Ave., Chiengo 12, Ill.

TABLET Compressing Machines

F. J. Stokes Machine Co., 5932 Tabor Rd., Philadelphia 20,

TABLET COUNTING and BOXING

Cartoning Machinery Corp., 18 Arboretum Rd., Roslindale, Mass.

Ivers-Lee Co., 215 Central Ave., Newark, N. J.

Walter H. Kansteiner Co., 1737 W. Howard St., Chicago
26, Ill. 28, 111.
Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y. F. B. Redington Co., 3000 St. Charles Rd., Bellwood, III. F. S. Stokes Machine Co., Tabor Rd. East of Adams Ave., Philadelphia 20, Pa. U. S. Automatic Box Machinery Co., 18 Arboretum St., Rodindale 31, Mass.

TANKS: Copper

ACME COPPERSMITHING Co., 2535 W. Maypole Ave., Chicago 12, III.

Atlas Copper & Brass Mfg. Co., 2734 N. Janssen Ave., Chicago 14, III.

Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn 5, N. Y. N. Y.
Downington Iron Works, Downingtown, Pa.
Goen Mfg. Co., 4535 W. Armitage Ave., Chicago 39, Ill.
HAMILTON KETTLES, Div. Brighton Corp., 820 State
Ave., Cincinnati 4, O.
Machinery & Equip. Corp., 533 W. Broadway, New York
13, N. Y.
George Keller Copper Works, 59 Ingraham St., Brooklyn
37, N. Y. 37, N. Y.
Jos. Kopperman & Sons, 310 New St., Philadelphia 6, Pa.
L. O. Koven & Brother, Inc., 154 Ogden Ave., Jersey City
7. N. J.
The Patterson-Kelley Co., East Stroudsburg, Pa.
Pfaudler Co., 1000 West Ave., Rochester 3, N. Y.
RACINE CONFECTIONERS' MACHINERY Co., 15 Park
Row, New York 38, N. Y.

TANKS: Glass Lined

Glascote Products, Inc., 20900 St. Clair Ave., Cleveland, O. Metal-Glass Products Co., Belding, Mich.
Pacific Coast Engineering Co., P. O. Drawer E. Alameda, Calif. The Pfaudler Co., 1000 West Ave., Rochester 3, N. Y.

TANKS: Mixing

ACME COPPERSMITHING CO., 2525 Maypole Ave., Chienge 12, III.
Alsop Engineering Corp., 800 Canfield St., Milidale, Conn.
Blommer Machinery Co., 600 W. Kinzie St., Chicago 10, Ill.
(chocolate)
Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn 5, N. Y. N. Y. Cherry-Burrell Corp., 427 W. Randolph St., Chicago 6, Ill. D. C. Cooper Co., 1487 S. Michigan Ave., Chicago 5, Ill. The J. H. Day Co., 4982 Beech St., Cincinnati 12, O. BCONOMY EQUIPMENT CO., Chicago, Ill.—Representatives John Sheffman, Inc., 183 W. 42nd St., New York 28, N. Y. Groen Mfg. Co., 4855 Armitage Ave., Chicago 39, Ill. HAMILTON KETTLES, Div. Brighton Corp., 820 State Ave., Cincinnati 4, O. Rodney Hunt Machine Co., 33 Vale St., Orange, Mass.



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THE STANDARD CASING CO., INC., 121 Spring St., New York 12, N. Y.

CHAS. STEHLING CO., 1303 N. 4th St., Milwaukee, Wis.
Tippett & Wood, 162 Howard St., Phillipsburg, N. J.

TANKS: Steel

ACME COPPERSMITHING CO., 2335 W. Maypole Ave., Chicago 12, Ill.
Alsop Engineering Corp., 800 Canfield St., Milldale, Conn. American Air Compressor Corp., N. Bergen, N. J.
Atias Copper & Brass Mfg. Co., 2734 N. Janssen Ave., Chicago 14, Ill. (stainless)
Berlin Chapman Company, Berlin, Wis.
Thomas Burkhard, Inc., 494 Flushing Ave., Brooklyn 5, N. Y.
Cherry-Burrell Corp., 427 W. Randolph St., Chicago 6, Ill. (stainless)
D. C. Cooper Co., 1467 S. Michigan Ave., Chicago 6, Ill. The J. H. Day Co., 4932 Beech St., Cincinnati 12, O. Downingtown Iron Works, Downingtown, Pa.
ECONOMY EQUIPMENT CO., INC., Chicago 9, Ill. Representative: John Shefman, Inc., 153 W. 42nd St., New York 36, N. Y.
J. W. GREER CO., Wilmington, Mass.
Hamilton Kettles Div. of Brighton Corp., 820 State St., Cincinnati 4, O.
R. H. Hubbert & Sons, Inc., 1300 S. Ponca St., Baltimore 24, Md.
Rodney Hunt Machine Co., 33 Vale St., Orange, Mass.
George Keller Copper Works, 59 Ingraham, Brooklyn 37, N. Y.
Jos. Kopperman & Sons, 310 New St., Philadelphia 6, Penn.

N. Y.
Jos. Konperman & Sons. 310 New St., Philadelphia 6, Penn.
J. M. LEHMANN CO., 556 New York Ave., Lyndhurst, N. J.
Market Forge Co., 35 Garvey St., Everett 49, Mass.
The McCarter Iron Works, Inc., E. Washington, Pa.
MILL RIVER TOOL CO., 38 Cass St., Springfield, Mass.
Nukem Products Corp., 111-119 Colgate Ave., Buffalo 30,
N. Y.
Pacific Coast Engineering Co., P. O. Drawer E, Alameda,
Calif.
The Patterson-Kelley Co., East Stroughurs, Pa.

CAIII.
The Patterson-Kelley Co., East Stroudsburg, Pa.
H. K. Porter Co., Inc., 1932 Oliver Bidgs, Pittsburgh 22, Pa.
THE STANDARD CASING CO., 121 Spring St., New York
12, N. Y. (Stainless Steel)
CHAS. H. STEHLING CO. 1863 N. 4th St., Milwaukee 12,
Wis. Tippett & Wood, 162 Howard St., Phillipsburg, N. J. Wilson Mfg. Co., 420 Barnum Ave., Stratford, Conn.

TANKS: Tempering

ACME Coppersmithing Co., 2535 W. Maypole Ave., Chicago

ACME Coppersuments of the control of

7, N. J. MANN CO., 550 New York Ave., Lyndhurst, N. J. The McCarter Iron Works, Inc., E. Washington, Norris-

town, Pa.

MIKROVAERK A/8, 32-38 Sydmarken, Soborg (Copenhagen) Denmark

W. C. Smith & Sons, Inc., 2539 No. 9th St., Philadelphia

CHAS. H. STEHLING CO., 1303 N. 4th St., Milwaukee, Wis. VACUUM CANDY MACHINERY CO., 15 Park Row, New York 38, N. Y.

TEMPERING MACHINE

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The Girdler Co., Votator Div., 224 E. Broadway, Louis-ville 1, Ky. J. W. GREER COMPANY, Wilmington, Mass.

J. M. LEHMANN CO., INC., 546 New York Ave., Lyndhurst, NAL EQUIPMENT CO., 153 Crosby St., New York

N. JNAL EQUIPMENT Co., 1888.

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NASCH MACHINE—Representative: John Sheffman, Inc., 153 W. 42nd 5t., New York 38, N. Y.

SAVAGE BROS. Co., 2638 Gladys Ave., Chicago 12, Ill.

STEPHENS SMITH & CO., Representatives: Cantab Industries, P. O. 54, Station "Q", Toronto 7, Ont. Canada. (automatic)

W. C. Smith & Sons, Inc., 2539 No. 9th St., Philadelphia

33, Pa.
CHAS. H. STEHLING CO., 1303 N. 4th St., Milwankee 14.

Wis. T. C. Weygandt Co., 165 Duane St., New York 13, N. Y.

TEMPERATURE CONTROL: Automatic

American Schaeffer & Budenberg Corp., Bridgeport, Conn.
Balley Meter Co., 1050 Ivanhoe Road, Cleveland 10, Ohio.
Barrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill.
Central Scientific Co., 1700 Irving Park Blvd., Chicago 13,
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Food Machinery & Chemical Corp., Sprague Sells Div.,
Hoopeston, Ill.
General Controls, 801 Allen Ave., Glendale 1, Calif.
General Electric Co., Air Conditioning and Commercial
Refrigeration Dept., Bloomfield, N. J.
The Harshaw Chemical Co., 1946 East 79th St., Cleveland
6, Ohio

The Harshaw Chemical Co., 1946 East 19th St., Gieveland 6, Ohio Industrial Engineering & Equipment Co., 711 So. Theresa Ave., St. Louis 3, Mo.

Leslie Co., Valley Brook Ave., Lyndhurst, N. J.

Minneapolis Honeywell Regulator Co., Brown Instruments Division Wayne & Roberts Ave., Philadelphia 44, Pa.

Nurnberg Thermometer Co., Inc., 124 Livingston St., Brooklyn 1, N. Y.

Palmer Thermometers, Inc., 2501 Nerwood Ave., Cincinnati 12, 6.

Philadelphia Thermometer Co., 6th & Cayuga Sts., Philadelphia 40, Pa.

The Powers Regulator Co., 3400 Oakton St., Skokie, Ill. Precision Thermometer & Instrument Co., 1434 Brandywine St., Philadelphia, Pa.

Sarce Company, Empire State Bidg., New York 1, N. Y.

Scientific Instrument Co., 1041 Second Ave., Detroit 26, Mich.

Mich.
TAYLOR INSTRUMENT COMPANIES, 95 Ames St., Rochester, N. Y. Weston Electrical Instrument Corp., 614 Felinghuysen Ave., Newark 5, N. J.

THERMOMETERS (Hand, Dial, Indicating, Recording, etc.)

American Schaeffer & Budenberg Corp., Bridgeport, Conn. Balley Meter Co., 1959 Ivanhoe Rd., Cleveland 16, O. (recording)

Barrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill. D. C. Cooper Co., 1467 S. Michigan Ave., Cliuago 5, Ill. The Electric Auto-Lite Company, Champlain St., Toledo 1, The Electric Ohio (Dial) Fisher Scientific Co., 633 Greenwich St., New York 14, N. Y. Food Machinery & Chemical Corp., Sprague Sells Div., Hoopeston, III. The Foxboro Co., Inc., 38, Neponset, Foxboro, Mass. (Dial,

etc.)

etc.; General Controls Co., 801 Allen Ave., Glendale 1, Calif. (dial, recording) General Scientific Equipment Co., 7516 Limekiln Pike, Philadelphia 50, Pa.

The Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6, Ohio Krispy Kist Korn Machine Co., 120 S. Halsted St., Chi-cago 6, Ill. (hand)

Jas. P. Marsh Corp., 3501 Howard St., Skokie, III.
Thos. Mills & Bro.; Inc., 1301 N. 8th St. Philadelphia 22,
Pa. (hand, dial)
Minneapolis Honeywell Regulator Co., Brown Instruments
Division Wayne & Roberts Ave., Philadelphia 44, Pa.
Nurnberg Thermometer Co., Inc., 124 Livingston St., Brooklyn 3. N. Y.
PALMER THERMOMETERS INC., 2501 Norwood Ave.,
Cincinnati 12, Norwood, O. (All Types)
Philadelphia Thermometer Co., 6th & Cayuga Sts., Philadelphia 40, Pa.
The Powers Regulator Co., 3400 Oakton St., Skokie, Ill.
(dial, recording)
Precision Thermometer & Instrument Co., 1434 Brandywine St., Philadelphia, Pa.
RACINE CONFECTIONERS' MACHINERY CO., 15 Park
Row. New York 38, N. Y.
Sarco Company, Empire State Bidg., New York 1, N. Y.
SAVAGE BROS. CO., 2635 Gladys Ave., Chicago 12, Ill.
Scientific Instrument Co., 1041 2nd Ave., Detroit 26, Mich.
Seedboro Equipment Co., 618 Jackson Blyd., Chicago 6, Ill.
(U.C. Smith & Sons, Inc., 2539 N. 9th St., Philadelphia 33, Pa.
(Dial)

Second V. C. Smith & Sons, Inc., 2833 N. Star V. (Dial)

(Dial)

TAYLOR INSTRUMENT CO., 95 Ames St., Rochester, N. Y. Arthur H. Thomas Co., 230 S. 7th St., Philadelphia 5, Pa. Weston Electrical Instrument Corp., 614 Felinghuysen Ave., Newark 5, N. J.

TRAPS: Steam (and Trap Systems)

American Schaeffer & Budenberg Corp., Bridgeport, Conn. Armstrong Machine Works, Three Rivers, Mich. Barrett-Christie Co., 188 N. Clinton St., Chicago 6, Ill. The Clark Mfg. Co., 1830 E. 38th St., Cleveland 14, Ohio. Cochrane Corp., 7th & Allegheny Ave., Philadelphia 32, Pa. Crane Co., 836 S. Michigan Ave., Chicago, Ill. Food Machinery & Chemical Corp., Sprague Sells Div., Hoopeston, Ill. Jenkins Bros., 80 White St., New York, N. Y. Jas. P. Marsh Corp., 3501 Howard St., Skokie, Ill. The Powers Regulator Company, 3400 Cakton St., Skokie, Ill. Sarco Co., Empire State Ridg. New York 1 N.

Sarco Co., Empire State Bldg., New York 1, N. Y. Sellers Injector Corp., 1600 Hamilton St., Philadelphia 30, Pa.
The Trane Co., 206 Cameron Ave., La Crosse, Wis.
Yarnall-Waring Co., Chestnut Hill, Philadelphia 18, Pa.

TRAYS: Dipping

THE ALUMINUM COOKING UTENSIL Co., INC., 11th & 5th Ave., New Kensington, Pa.
American Chocolate Mould Co., Inc., 178 Lafayette St.,

American Chocolate Mould Co., Inc., 173 Lafayette St., New York 13, N. Y.
Bloom Products, 1133 Broadway, New York 19, N. Y.
CRESCENT METAL PRODUCTS, INC., 18901 St. Clair Ave.,
Cleveland 10, O. (Tray handling equipment)
J. H. Dunning Corp., 265 W. Post Rd., Darien, Conn.
JOHNSON PRODUCTS CO.—Representative—John Sheffman, 182 W. 42nd St., New York 26, N. Y.
Marlene Mfg. Corp., 55 Mercer St., New York 13, N. Y.
Marlene Mfg. Corp., 55 Mercer St., New York 13, N. Y.
Marlene Mfg. Corp., 55 Mercer St., New York 13, N. Y.
Market Forge Co., 35 Garvey St., Everett 49, Mass.,
MOLDED FIBERGLASS TRAY CO., Lineaville, Pa.
Rathborne, Hair & Ridgway Box Co., 1440 West 21st
Place, Chicago 8, Ill.
Stanjo Woodworking Co., 1910 W. Wabansia Ave., Chicago 47, Ill.

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TRAYS: Storch

BAYWOOD MFG. CO., 2753 Stillwell Ave., Brooklyn 24,

BAYWOOD MFG. CO., 2753 Stillwell Ave., Brooklyn 24, N.Y.
Bloom Products, 1133 Broadway, New York 19, N.Y.
Currie Mfg. Co., 1837 Grand Ave., Chicago 22, Ill. (Metal)
J. H. Dunning Corp., 265 W. Post Rd., Darlen, Conn.
JOHNSON PRODUCTS CO.,—Rep.—John Sheffman, 182 W.
42nd St., New York 36, N.Y.
Letts Box & Mfg. Co., Inc., 1820 S. 4th St., St. Joseph, Mo.
Market Forge Co., 35 Garvey St., Everett 49, Mass.
Marlene Mfg. Co., 56 Mercer St., New York 13, N. Y.
M & G Box Co., 821 E. Morehead St., Charlotte, N. C.
Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia
22, Pa.
MOLDED FIBERGLASS TRAY CO., Linesville, Pa.

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MOLDED FIBERGLASS TRAY CO., Linesville, Pa.

Molded Resin Fiber Co., Benefit Ave., Ashtabula. O.

Rathborne, Hair & Ridgway Box Co., 1440 West 21st
Place, Chicago 8, Ill.

Sanatray Corporation, Batavia, Ill.

SAVAGE BROS. Co., 2628 Gladys Ave., Chicago 12, Ill.

Stanjo Woodworking Co., 1910 W. Wabansia Ave., Chicago 47, Ill.

TRUCKS: Barrel

The American Pulley Co., 4200 Wissahickon Ave., Philadelphia, Pa.
Barrett-Cravens Co., Northbrook, Ill.
CRESCENT METAL PRODUCTS, INC., 18901 St. Clair Ave., Cleveland 10, 0.
Pairbanks Co., 393 Lafayette St., New York 3, N. Y.
General Scientific Co., 27th & Huntington Sts., Philadelphia 32, Pa.
Howe Scale Co., Rutland, Vt.
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THE STANDARD CASING CO., INC., 121 Spring St., New
York 12, N. Y.
'nion Steel Products Co., 510 Barrien St., Albion, Mich.
Uhrden, Inc., 598 Grant St., Dennison, O.

TRUCKS: Cream or Fondant

THE ALUMINUM COOKING UTENSIL CO., 9964 Wear-Ever Bldg., New Kensington, Pa. CONFECTION MACHINE SALES CO., 407 S. Dearborn St., Chienge 5, Ill. Crescent Metal Products, Inc., 18901 St. Clair Ave., Cleveland 10, O.

Berks Engineering Co., Sixth & Chestnut Sts., Reading, Pa Thos. Mills & Bro. Inc., 1301 N. 8th St., Philadelphia 22, Pa.

THE STANDARD CASING CO., 121 Spring St., New York 12, N. Y. (stainless steel)

TRUCKS: Factory (See Material Handling)

TUBE FILLING MACHINE

F. J. Stokes Machine Co., 5902 Tabor St., Philadelphia 20, Pa.

TUBS: Cream

ACME COPPERSMITHING CO., 2535 W. Maypole Ave., Chicago 12, Ill. STANDARD CASING CO., 121 Spring St., New York 12, N. Y. WEAR-EVER ALUMINUM, INC., 5th & 11th Sts., New Kensington, Pa.

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American Production Machine Co., 109 35th St., Union City, N. J BURRELL BELTING CO., 7501 N. St. Louis Ave., Skokie, III. III.
CHOCOLATE SPRAYING CO., INC., 2025 W. Grand Ave., Chicago 12, III.
Cooler King Mfg. Co., 6013-17 13th Ave., Brooklyn 19, N. Y. ECONOMY EQUIPMENT CO., Chicago, III. Representative: John Shefman, Inc., 182 W. 42nd St., New York 36, N. Y. J. W. GREER COMPANY, Wilmington, Mass. J. M. LEHMANN CO., INC., 546 New York Ave., Lyndhurst, N. J. NATIONAL EQUIPMENT Co., 153 Crosby St., New York 12, RACINE CONFECTIONERS' MACHINERY CO., 15 Park Row, New York 38, N. Y.
REFLECTOTHERM, INC., 28 E. University Ave., Cincinnati 19, Ohio
Robbins Engineering Co., 729 Stone Ave., Brooklyn 12, Robbins Engineering Co., 729 Stone Ave., Brooklyn N. Y. Surface Combustion Corp., 2375 Dorr St., Toledo, Ohio.

TYING MACHINES: Package

The B. H. Bunn Co., 7605 Vincennes Ave., Chicago 20, Ill. Felins Tying Machine Co., 3351 N. 35th St., Milwaukee 16, Wis. Heat Deal-It-Reitzes Co., 4316 Lancaster Ave., Philadelphia Heat Deal-1: Anisas co., 4. Pa.
4. Pa.
Inland Wire Products Co., 2827 Lowe Ave., Chicago 9, Ill.
Paul L. Karstrem Co., 1802 W. 74th St., Chicago 16, Ill.
National Bundle Tyer Co., Blissfield, Mich.
Spee-Dee Packaging Machinery Corp., 1818 W. 74th St.
Chicago 36, Ill.

VALVES: Gate

American Schaeffer & Budenberg, Bridgeport, Conn. Crane Co., \$36 S. Michigan Ave., Chicago, Ili. The Fairbanks Company, 393 Lafayette St., New York 3, N. Y. N. Y.
General Controls Co., 801 Allen Ave., Glendale 1, Calif.
Lunkenheimer Co., P.O. Box 350, Annex Sta., Cincinnati
14, O.
Metal Goods Corp.. \$800 Page Blvd., St. Louis 14, Missouri
Morse Mfg. Co., 727 W. Manilus, E. Syracuse, N. Y.
J. D. Murray Mfg. Co., Waussu, Wis.
SAVAGE BROS. Co., 2635 Gladys Ave., Chicage 12, III.
The Trane Co., LaCrosse, Wis.
Walworth Co., 60 E. 42nd St.. New York 17, N. Y.
WEAR-EVER ALUMINUM, INC., 5th & 11th Sts., New
Kensington, Pa.

VALVES: Hydraulic

FRED S. CARVER, INC., 1 Chatham Rd., Summit, N. J. General Controls Co., 801 Allen Ave., Glendale 1, Calif. Lunkenheimer Co., P. Ø. Box 360 Annex Sta., Cincinnati 14, O. Metal Goods Corp., 8800 Page Blvd., St. Louis 14, Missouri Sarco Co., Empire State Bldg., New York 1, N. Y. Walworth Co., 60 E. 42nd St., New York 17, N. Y.

VALVES: Pop or Safety

Barrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill. Crane Co., 836 S. Michigan Ave., Chicago, Ill. Lunkenheimer Co., P. O. Box 360 Annex Sta., Cincinnati Manning, Maxwell & Moore, Stratford, Conn. The Trane Co., 206 Cameron Ave., La Crosse, Wis.

VALVES: Regulating, Reducing—and Strainers

Barrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill. Clark Mfg. Co., 1830 E. 38th St., Cleveland 14, Ohio. Eclipse Fuel Engineering Co., 1100 Buchanan St., Rockford, Ill. III.
General Controls Co., 801 Allen Ave., Glendale 1, Calif.
Leslie Co., Valley Brook Ave., Lyndhurst, N. J.
Jos. P. Marsh Corp., 3501 Howard St., Skokle, III.
The Powers Regulator Co., 3400 Oakton St., Skokle, Ill.
Sarco Company, Inc., 350 5th Ave., New York 1, N. Y.

VALVES: (Sanitary)

Cherry-Burrell Corp., 427 W. Randolph St., Chicago 6, Ill. Metal Goods Corp., 5239 Brown Ave., St. Louis 15, Missouri Niagara Filter Corp., 3080 Main St., Buffalo 14, N. Y. Tri-Clover Division, Kenosha, Wis.

VALVES: Water Relief

American Schaeffer & Budenberg Corp., Bridgeport, Conn. Barrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill. Cochrane Corp., 17th & Allegheny Ave., Philadelphia 32, Pa. Lunkenheimer Co., P. O. Box 360 Annex Sta., Cincinnati 14, O. Manning, Maxwell & Moore, Stratford, Conn. Metal Goods Corp., 8800 Page Blvd., St. Louis 14, Mo. The Trane Co., 206 Cameron Ave., La Crosse, Wis. Tri-Clover Division, Kenosha, Wis.

VENTILATING SYSTEMS

American Blower Co., 6004 Russell St., Detroit, Mich. Connecticut Blower Company, P. O. Box 884, Hartford 1, Conn. Drying Systems, Inc., 1800 Foster Ave., Chicago 40, Ill. Emerson Electric Mfg. Co., 8100 Florissant Ave., St. Louis Emerson Electric Mfg. Co., \$106 Florissant Ave., St. Louis 31, Mo. General Electric Co., Air Conditioning and Commercial Refrigeration Department, Bloomfield, N. J. General Electric Company, 1 River Road, Schenectady 5, N. Y. Listings continued

for July 1958 - 67

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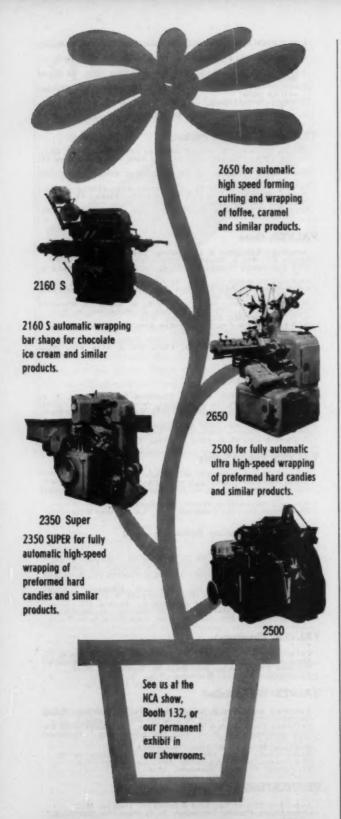
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SUPERMATIC PACKAGING CORP 1460 Chestnut St. Hillside, New Jersey

Ventilating System (con't)

Jeffrey Mfg. Co., 875 N. 4th St., Columbus 16, O. J. O. Ross Engineering Division, 444 Madison Ave., New York 22, N. Y.

The Trane Co., 206 Cameron Ave., La Crosse, Wis. Westinghouse Electric Corp., 3 Gateway Center, Pitts-burgh 30, Pa. The Woodman Company, Inc., 647 E. College Ave., Decatur,

WRAPPING MACHINES: Bor Goods

Dellenbarger Machine Co., Inc., 379 W. Broadway, New York 12, N. Y.

HUDSON-SHARP MACHINE CO., 1207 Main St., Green Bny, Wis. Lynch Corp., 2304 Crystal, Andeson, Ind. PACKAGING MACHINERY CO., Springfield 7, Mass. Scandia Manufacturing Co., North Arlington, N. J. JOHN SHEFFMAN, INC., 152 W. 42nd St., New York 36,

Stokes and Smith Co., MCB Summerdale Ave., Philadel-phia 24, Pa.

SUPERMATIC PACKAGING CORP., 1400 Chestnut Ave., Hillside, N. J.

WRAPPING MACHINES: Box & Carton Over-Wrapping

AMSCO PACKAGING MACHINERY, INC., 31-31 48th Ave., Long Island City 1. N. Y. Battle Creek Packaging Machines, Inc., Battle Creek, Mich. Food Machinery & Chemical Corp., Sprague Sells Div., Hoopeston, Ill.

Hoopeston, Ill. HAYSSEN MFG. CO., 1305 St. Clair Ave., Sheboygan, Wis.

HUDSON SHARP MACHINE CO., Green Bay, Wis.
Knapp Mg. Co., 1101 E 12th St., Los Angeles 21, Calif.
Miller Wrapping & Sealing Machine Co., 18 S. Clinton St.,
Chicago 6, Ill.

Machinery Co., 1025 Clancy N. E., Grand Rapids,

Mich.

PACKAGE MACHINERY CO., Springfield 7, Mass.

B. F. Redington Co., 3000 St. Charles Rd., Bellwood, Ill. Scandia Mfg. Co., North Arlington, N. J. Stokes & Smith Co. Sub. Food Machinery & Chem. Corp., Summerdale Ave., Philadelphia 24, Pa.

TRIANGLE PACKAGING MACHINERY CO., 0633 W. Diversey Ave., Chicago 35, Ill.
Wrap-Ade Machine Co., Inc., 83 Valley St., Belleville 9, N. J.

WRAPPING MACHINES: Chewing Gum

Dellenbarger Machine Co., 379 West Broadway, New York

HUDSON SHARP MACHINE CO., 1207 Main St., Green Bay, Wis. Bay, Wis. IDEAL WRAPPING MACHINE CO., 81 Sprague Ave., Mid-

dletown, N. Y.

PACKAGE MACHINERY CO., Springfield 7, Mans. Scandia Mfg. Co., 500 Belleville Turnpike, No. Arlington,

SUPERMATIC PACKAGING CORP., 305-3rd Ave., Newark 7, N. J.

WRAPPING MACHINES: Individual Pieces Including Kiss

Battle Creek Packaging Machines, Inc., Battle Creek, Mich. CARLE & MONTANARI, 95 Temple Ave., Hackensnek, N. J.
CHOCOLATE SPRAYING CO., INC., 2035 W. Grand Ave., Chicago 12, Ill.
Dellephenger Machine Co., Inc., 273 W. Broadway, New

Dellenbarger Machine Co., Inc., 379 W. Broadway, New York 12, N. Y.

Foremost Machine Builders, Inc., 52 Vanderbilt Ave., New York 17, N. Y. (Chocolate tinfoil machines) HANSELLA MACHINERY CORP., Grand & Ruby Aves., Polisades Park, N. J. HAYSSEN MANUFACTURING CO., 1305 St. Clair Ave.,

Sheboygan, Wis...
HUDSON-SHARP MACHINE CO., 1201 Main St., Green
IDEAL WRAPPING MACHINE CO., 81 Sprague Ave.,
Middletown, N. Y.
Ketchpel Engineering Company, 1401-05 Palisade Ave.,
West Englewood, N. J.
LYNCH CORP., 2304 Crystal, Anderson, Ind.

NATIONAL EQUIPMENT CO., 218 Lafayette, New York

12, N. Y.
PACKAGE MACHINERY CO., Springfield 7, Mass.
JOHN SHEFFMAN, INC., 152 W. 42nd St., New York 36,
N. Y.

No. 1. Stokes and Smith Co., MCB Summerdale Ave., Philadelphia 24, Pa. Supermatic Packaging Corp., 1460 Chestnut Ave., Hillside, N. J.

Aurelio Tanzi Corp., 430 Jefferson St., Brooklyn 6, N. Y. TRIANGLE PACKAGING MACHINERY CO., 6633 W. Diversey Ave., Chleago, Ill.
T. C. Weygandt Co., 165 Duane St., New York 13, N. Y.

Wrap-Ade Machine Co., Inc., 83 Valley St., Belleville, N. J.

WRAPPING MACHINES: Lollypop or Sucker Wrapping

American Machine & Foundry Co., 261 Madison Ave., New York 16, N. Y.

Cello-O-Core Co., 624 S. Michigan Ave., Chicago 5, Ill. CHOCOLATE SPRAYING CO., INC., Chicago, Ill. Representative: John Sheffman, Inc., 152 W. 42nd St., New York

Ebert Electronics Corp., 212 Pamaica Ave., Queens Village 28, N. Y.

HUDSON SHARP MACHINE CO., 1207 Main St., Green Bay, Wis. (stick eardy) PAOKAGE MACHINERY COMPANY, East Longmendow,

RACINE CONFECTIONERS' MACHINERY CO., 15 Park Row, New York 38, N. Y.

Wrap-Ade Machine Co., Inc., 83 Valley St., Belleville, N. J. Wright Machinery Co., Calvin St., Durham, N. C.

WRAPPING MACHINES: Rolls, Trays, Irregular Shapes

Amseo Packaging Machinery, Inc., 31-31 48th Ave., Long Island City 1, N. Y.

Battle Creek Packaging Machines, Inc., Battle Creek, Mich. HAYSSEN MANUFACTURING Co., 1305 St. Clair Ave., Sheboygan, Wis.

HUDSON SHARP MACHINE CO., 1207 Main St., Green Bay.

LYNCH CORP., 2304 Crystal, Anderson, Ind.

NATIONAL EQUIPMENT CORP., 153 Crosby St., New York

Oliver Machinery Co., 1025 Clancy St., N.E., Grand Rapids, Mich.

PACKAGE MACHINERY CO., Springfield 7, Mass

F. B. Ridington Co., 3000 St. Charles Rd., Bellwood, Ill.



MEMORANDUM

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Green J. Tork 36,

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Manufacturers and Importers of Confectioners' Raw Materials

THE supply firms whose names appear in BLACK FACE TYPE LIKE THIS are using advertising space. They deserve your special consideration and preference, consistent with the values offered elsewhere.

The names of supply firms listed in smaller light face type like this are published WITHOUT CHARGE and are compiled from their Registration Blanks which we have circulated freely throughout the confectionery supply field, or their names have been taken from sources we believe to be reliable. However, we assume no responsibility for errors or omissions.

For a complete index of all products, see the detailed Products Index Section at the back of this issue.

ACID: Ascorbic

Abbott Laboratories, North Chicago, Ill. Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif. Calif.
Dalton-Cooper, Inc., 200 W. 34th St., New York 1, N. Y.
Fine Chemical Co., 250 W. 57th St., New York 19, N. Y.
Hoffmann-Laroche, Inc., Roche Park, Nutley 10, N. J.
Mallinckrodt Chemical Works, 2nd and Mallinckrodt St.
St. Louis 7, Mo. MERCK & COMPANY, INC., Rahway, New Jersey. CHAS. PFIZER & CO., INC., 630 Flushing Ave., Brooklyn STERWIN CHEMICALS INC., 1450 Broadway, New York

ACID: Citric

Mallinckrodt Chemical Works, 2nd & Mallinckrodt Ave., St. Louis 7, Mo. MERCK & CO., INC., Rahway, New Jersey. Sunkist Growers, Ontario, Calif.

ACID: Malic

NATIONAL ANILINE Div. Allied Chemical & Dye Corp., 40 Rector St., New York 6, N. Y.

ACID: Tartaric

Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif.

AGAR AGAR

Atkins, Kroll & Co., 220 California St., San Francisco 4, Calif. Calif.
Consumers Import Co., Inc., Empire State fildg., New
York 1, N. Y.
Dalton-Cooper, Inc., 200 W. 34th St., New York 1, N. Y.
Dodwell & Co., Ltd., 120 Wall St., New York 5, N. Y.
T. M. Duche & Sons, Inc., 117 Hudson St., New York 13,
N. Y. N. I.

Enco Chemical Corp., 441 Lexington Ave., New York 17.

N. Y.

Paisley Products, Inc., 630 W. 51st St., New York 19, N. Y.

S. B. Penick & Co., 50 Church St., New York 7, N. Y.

Tragacanth Importing Corp., 141 E. 44th St., New York,

N. Y. WOOD & SELICK COCONUT CO., INC., 19 Rector St., New York 6, N. Y.

ALBUMEN: Egg

T. H. Angermeier & Co., Indian Village, Cedar Grove, N. J. Archibald & Kendall, Inc., 8 Beach St., New York 13, N. Y. Armour & Co., Union Stock Yards, Chicago 9, Ill. Relievue Creamery & Produce Co., 805 Farnum St., Omaha 8, Nebr. Praun Importing Co., Inc., 161 Hudson St., New York 13, N. Y.

BURKE PRODUCTS CO., INC., 317 W. Hubbard St., Chicago 10, Ill. eage 16, Ili.

Consumers Import Co., Inc., 350 Fifth Ave., New York, N. Y.

T. M. Duche & Sons, Inc., 117 Hudson St., New York 13.

N. Y.

Paul A. Dunkel & Co., Inc., 1 Wall St., New York 5. N. Y.

Edson, Pratt, & Riley, Inc., 110 N. Franklin St., Chicage

6, Ill.

The Emulsol Corp., 59 E. Madison St., Chicago 3, 11.

Haug & Co., Inc., 5810 S. Perry Ave., Chicago 21, Ill.

HENNINGSEN BROS. INC., 347 Madison Ave., New York HENNINGSEN BROS. INC., 347 Madison Ave., New York
17, N. Y.
Land O'Lakes Creameries, Inc., 2215 Kennedy St., Minneapolis 13, Minn.
S. K. Produce Co., 565 W. Fulton St., Chicago 6, Ill.
The Seymour Packing Company, 200 No. Kansas Ave.,
Topeka, Kan.
Stein Hall & Co., Inc., 285 Madison Avenue, New York 17,
Swift & Co., Union Stock Yards, Chicago 9, Ill.
TRANIN EGG PRODUCTS CO., 217 Oak St., Kansas City
6, Mo. United Chemical & Organic Products, Calumet City, Ill.

ALBUMEN: Soy

GUNTHER PRODUCTS, INC., 600 E. Main St., Galesburg, LENDERINK & CO., N. V., Westerkade 20, Schiedam, Hol-Western Condensing Co., Appleton, Wis.

ALBUMEN: Vegetable

T. H. Angermeier & Co., 245 Seventh Ave., New York 1, N. Y. Archer-Daniels-Midland Co., 600 Roanoke Bldg., Minneapolis 2. Minn. GUNTHER PRODUCTS, INC., 600 E. Main St., Galesburg. Whitson Products, Division of The Borden Co., 350 Madison Ave., New York 17, N. Y.

ALCOHOL: Ethyl

American Distilling Co., Inc., 150 E. 42nd St., New York 17, American Oil & Supply Co., 238 Wilson Ave., Newark Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif. Call. E. l. du Pont de Nemours & Co., Inc., Wilmington 98, Del. Ungerer & Co., Inc., 161 Ave. of Americas, New York 13, U. S. Industrial Chemical Co., 120 Broadway, New York 5,

Almond Paste—see Paste: Almond

ALMONDS

American Almond Products Corp., 103 Walworth Ave., Brooklyn 5, N. Y.
American Pistachio Corp., 111 Reade St., New York 13, N. Y.
Braun Importing Co., 151 Hudson St., New York 13, N. Y.
CALIFORNIA ALMOND GROWERS' EXCHANGE, 1802
"C" St. Sacramento S. Calif.
Wm. A. Camp Co., 100 Hudson St., New York 13, N. Y.
CONTINENTAL NUT CO., P. O. Box 503, Chico, Calif.
T. M. Duche & Sons, Inc., 117 Hudson St., New York 13,
Garden City Nut Shelling Co., 699 N. 13th, San Jose, Calif.
Wr., A. Higgins & Co., Inc., 100 Hudson St., New York 13.
N. Y.
Salling Nut Co.

Kelling Nut Co.. 2800 W. Felmont, Chicago 18, Ili. National Almond Products Co., Box 474, Carnegle, Pa. Red Line Commercial Co., Inc., 280 Broadway, New York 5, N. Y. E. L. Robertson, Banning, Calif. Listings continued

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Through advanced research and constant, rigid quality control, Henningsen offers a most dependable source of Egg White Solids for the production of the finest frappes, cast and cream roll centers, chewing and grained nougats, fudge, marshmallow and other whipped and aerated candies.

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Almonds (Con't)

Bruno Scheidt, Inc., 16 Hudson St., New York 13, N. Y. Spencer Importing Co., 105 Hudson St., New York, N. Y. Sunset-Sternau, 444 Market St., San Francisco, Calif. Virginia & Spanish Peanut Co., 260 Dexter St., Providence 7, R. I.

WOOD & SELICK COCONUT CO., INC., 10 Rector St., New York 8, N. Y.

Jos. A. Zaloom & Co., 8 Jay St., New York 13, N. Y.

ANGELQUE

Braun Importing Co., Inc., 181 Hudson St., New York 13, N. Y. Schall & Co., 81 Barclay St., New York 7, N. Y. Bruno Scheidt, Inc., 16 Hudson St., New York 13, N. Y.

ANISE SEED

Archibald & Kendall, Inc., 481 Washington St., New York 13, N. Y.

John Clarke & Co., Inc., 135 Front St., New York 5, N. Y.

Crescent Mfw. Co., 557 Dearhorn St., Senttle 4, Wash.

DODGE & OLCOTT, INC., 180 Variek St., New York 14,

N.Y.

DURKEE FAMOUS FOGDS, 900 Union Commerce Bldg.,
Cleveland, Obio

Fine Chemical Co., 150 E. 42nd St., New York, N. Y.

(oll of anise)

W. R. Grace & Co., 7 Hanover Sq., New York 5, N. Y.

Griffith Laboratories, Inc., 1415 W. 37th St., Chicago 9, 111

McCormick & Company, Inc., McCormick Bldg., Baltimore

2, Md.

S. B. Penick & Co., 56 Church St., New York 7, N. Y. S. B. Penick & Co., 50 Church St., New York 7, N. Y. W. G. Scarlett & Co., 632 President St., Baltimore 2, Md.

ANTI-OXIDANTS

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CHAS, PFIZER & CO., 630 Finshins Ave., Brooklyn 6, N. V. A. E. STALEY MFG. CO., 2200 E. Eldorado St., Decatur, III. WM. J. STANGE CO., 342 N. Western Ave., Chicago 12, III. STERWIN CHEMICALS, INC., 1450 Brondway, New York

18, N. Y. Tennessee Universal cago, Ill. Fastman, Kingsport 30, Tenn. Oil Products Co., 310 S. Michigan Ave., Chi-

APPLES

Apple Growers Assn., Hood River, Ore. Blanke Baer Extract & Pres. Co., 3224 S. Kingshighway, St. Louis 9, Mo. Wm. A. Higgins & Co., Inc., 100 Hudson St., New York 13, N. Y. Klarberg & Co., 89-31 161st St., Jamaica, Long Island I, N. Y. 3. 2, N. Y.

"Ational Fruit Product Co., Inc., Winchester, Va.

Christo Poulos & Co., 75 Front St., Brooklyn I, N. Y.

S & W Fine Foods, Inc., 155 Berry St., San Francisco 13, S & W Fine Foods, Inc., 155 Berry St., San Francisco 19, Calif. Sardik Food Products Corp., Shirley, Ind. Schuster Importing Co., Inc., 250 W. 57th St., New York 19,

APRICOTS

Atkins, Kroll & Co., 417 Montgomery St., San Francisco 4, Calif. Calif.

Blanke-Baer Extr. & Pres. Co., 3224 So. Kingshighway, St. Louis, Mo.

W. A. Camp Co., 100 Hudson St., New York 13, N. Y.

Cincinnati Fruit & Extract Works, 424-425 W. 4th St., Cincinnati 3, Ohio

J. Klarberg & Co., 89-31 161st St., Jamaica, Long Island 3, N. Y.

Christo Poulos & Co., Inc., 75 Front St., Brooklyn 6, N. Y.

S & W Fine Foods, Inc., 155 Berry St., San Francisco 13, Calif. Superior Fruit Processing Co., Inc., 240 Center St., Staten Izland 6, N. Y.

BALSAM: Peru

DODGE & OLCOTT, INC., 180 Varick St., New York 14, N. Y.
Dalton-Cooper, Inc., 200 W. 34th St., New York 1, N. Y.
FLORASYNTH LABORATORIES, INC., 900 Van Nest Ave.,
New York 62, N. Y.
FRITZSCHE BROTHERS, INC., 76 Ninth Avenue, New York
11, N. Y.
Charles L. Huisking & Co., Inc., 45 Clinton Ave., Brooklyn
5, N. Y.
D. W. Hutchison & Co., 700 S. Columbus Ave., Mt. Vernon, N. Y.
George Lueders & Co., 427 Washington St., New York
13, N. Y.
Marnus, Mabee & Reynard, Inc., 16 Desbrosses St., New
York 13, N. Y. Orbis Products Co., 601 W. 26th St., New York 1, N. Y. S. B. Penick & Co., 50 Church St., New York 7, N. Y. Polak & Schwarz, Inc., 667 Washington St., New Y. 14, N. Y. 14, N. Y.
F. Ritter & Co., 4001 Goodwin St., Los Angeles 39, Cal Ryland-Johnson Company, Inc., 174 Front St., New York Schimmel & Co., 601 W. 26th St., New York 1, N.

BANANAS: Puree

Blanke-Baer Extract & Preserving Co., \$224 S. Kingshigh Bianke-Baer Extract & Preserving Co., \$324 S. Kingshig way, St. Louis 9, Mo. Charles Dennery, Inc., 516 Magazine, New Orleans 1, I Standard Fruit Products Co., Box 142, Cincinnati 15, Superior Fruit Processing Co., Inc., 240 Center St., State Island 6, N. Y.

BANANAS (Dried)

Isrin-Oliver Company, 169 Spring St., New York, N.Y.
THE NULOMOLINE DIV., AMERICAN MOLASSES CO.
120 Wall St., New York S, N.Y. (Powder & Flake)
Sanib Corp., 122 E. 42nd St., New York 17, N. Y.

BENNE SEED

Archibald & Kendall, Inc., 8 Beach St., New York 13, N.Y. T. M. Duche & Sons, Inc., 117-119 Hudson St., New York N. Y. Griffith Laboratories, Inc., 1415 W. 27th St., Chicago 9, Ili Knickerbocker Mills Co., 601 W. 26th St., New York N. Y. Wm. G. Scarlett & Co., 632 President, Baltimore, Md.

BICARBONATE: Soda

American Oil & Supply Co., 238 Wilson Ave., Newark 6, Mallinckrodt Chemical Works, 2nd & Mallinckrodt St., St.

Louis 7, Mo. Mathleson Chemical Corp., Mathleson Bldg., Baltimore | Md.

MCOrmick & Co., McCormick Bidg., Baltimore 2, Md. Solvay Process Division—Allied Chemical & Dye Corp., 61 Broadway, New York 6, N. Y. Wyandotte Chemical Corp., Wyandotte, Mich.

BRAZIL NUTS

American Almond Products Co., Inc., 103-07 Walworth St., Brooklyn 5, N. Y.

St., Brooklyn 5, N. Y.

Braun Importing Co., 161 Hudson St., New York 13, N. Y.

Braun Importing Co., 161 Hudson St., New York 13, N. Y.

Brauzil. Nuff ASSN., 100 Hudson St., New York 13, N. Y.

Wm. A. Camp Co., 106 Hudson St., New York 13, N. Y.

Continental Nut Co., 11th & Esplanade, Chico, Calif.

T. M. Duche & Sons, Inc., 117 Hudson St., New York, N. Y.

Wm. A. Higgins & Co., Inc., 100 Hudson St., New York, N. Y.

Jaburg Bros., 365 10th Ave., New York, N. Y.

Kelling Nut Co., 2800 W. Belmont, Chicago 18, Ill.

National Almond Products Co., Box 474, Carnegle, Pa.

Red Line Commercial Co., Inc., 280 Broadway, New York

8, N. Y.

8 & W Fine Foods, Inc., 155 Berry St., San Francisco 19.

Sunset-Sternau, 444 Market St., San Francisco, Cal. Calif.
Sunset-Sternau, 444 Market St., San Francisco, Cal.
Spencer Importing Co., 105 Hudson St., New York, N. Y.
Virginia & Spanish Peanut Co., 360 Dexter St., Providence Virginia & Spanish Feature Co., 1977. R. T. R. I. WOOD & SELICK COCONUT CO., INC., 19 Rector St., New York 6, N. Y.
Jos. A. Zaloom & Co., 8 Jay St., New York 13, N. Y.
Zenobia C., Inc 165-167 Hudson St., New York 13, N. Y.

BUTTER

Armour & Co., Union Stock Yards, Chicago 9, Ill. Land O'Lakes Creameries, 2215 Kennedy St. N.E., Minne-apolis 13, Minn. E. R. Moliner Co., 2405 Forney St., Los Angeles 31, Calif.

BUTTERMILE (Condensed & Powdered)

C. W. BURCKHALTER, INC., 156 Franklin St., New York 13, N. Y. Schriff, Inc., 100 Franklin St., New 10, 13, N. Y. Central Missouri Milk Cooperative, Marshall, Mo. Consolidated Products Co., Danville, Ill. Dairyland Milk Corp., 820 Hampden, St. Paul 3, Minn. 2. Ill.
Kraft Foods Co., 500 Peahtigo St., Chicago 90, Ill.
Land O'Lakes Creameries Inc., Minneapolis 13, Minn.
WESTERN CONDENSING CO., 340 W. College Ave., Apple
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For your fine candies

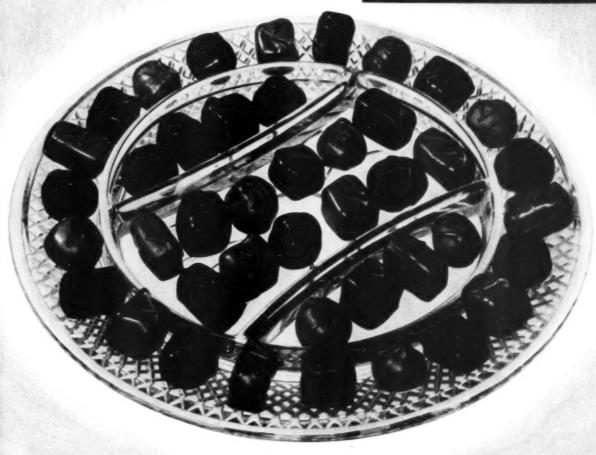
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CALCIUM CARBONATE

Calcium Carbonate Co., 222 West Adams St., Chicago 3, Ill. Mallinckrodt Chemical Works, 2nd & Mallinckrodt Ave., St. Louis 7, Mo. West Virginia Pulp & Paper Co., Industrial Chemical Sales Division, 35 E. Wacker Drive, Chicago 1, Ill.

CARAMEL PASTE

BURKE PRODUCTS CO., 317 W. Hubbard St., Chicago, Ill. Charles Dennery, Inc., 524 Magazine St., New Orleans 1, La. B. Heller & Co., Calumet at 40th St., Chicago 15, Ill. SENNEFF-HERR Co., Sterling, Ill. White-Stokes Co., 3615 Jasper Place, Chicago 9, Ill.

CARBON: Vegetable

Atlas Powder Co., Chemicals Dept., Food Industry Div., Wilmington 39, Del. Darco Corp., 80 E. 42nd St., New York 17, N. Y. (Activated) L. A. Solomon & Bro., 216 Pearl St., New York 38, N. Y. West Virginia Pulp & Paper Co., Industrial Chemical Sales Division, 35 E. Wacker Drive, Chicago 1, Ill.

CASHEWS

American Almond Products Co., Inc., 103-07 Walworth St., Brooklyn 5, N. Y. American Pistachio Corp., 111 Reade St., New York 13, N. Y. N. Y.
Braun Importing Co., 161 Hudson St., New York 13, N. Y.
Wm. A. Camp Co., 100 Hudson St., New York 13, N. Y.
T. M. Duche & Sons, Inc., 117 Hudson St., New York, N.Y.
Fisher-Dahl Nut Products Co., Tacoma, Wash.
General Food Sales Co., 250 Park Ave., New York, N. Y.
Wm. A. Higgins & Co., Inc., 100 Hudson St., New York
13, N. Y. Geo. H. Mans, Amsterdam, N. Y. National Alimond Products Co., Inc., Box 474, Carnegie, Pa Old Reliable Peanut Co., Inc., Suffolk, Va. Red Line Commercial Co., Inc., 280 Broadway, New York 8, N. Y. Schuster Importing Co., Inc., 250 W. 57th St., New York 1 Virginia & Spanish Peanut Co., 260 Dexter St., Providence

7, R. 1.
WOOD & SELICK COCONUT CO., INC., 10 Rector St.
New York 6, N. Y.
Jos. A. Zaloom & Co., 8 Jay St., New York 18, N. Y.

CENTERS: Dipping

Burke Products Co., 317 W. Hubbard St., Chicago, Ill. C & C Candles, Inc., 811 Evergreen St., Chicago 22, Pink Cottage Candles, Sylvan Shores, Mount Dora, Fla

CHERRIES: Dipping and Glace

Apple Growers Assn., 3rd St., Hood River, Ore.
Leo Benjamin, Inc., 389 Washington St., New York 12,
N. Y.
Blanke-Baer Extract & Preserving Co., 3224 S. Kingshighway, St. Louis 9, Mo.
Braun Importing Co., inc., 161 Hudson St., New York 13,
N. Y.
Causse Mfg. & Importing Co., 132 Lincoln Rivd., Bound
Brook, N. J.

N. Y.
Causse Mfg. & Importing Co., 132 Lincoln Divu., Bound
Brook. N. J.
Cherry Growers Packing Co., Traverse City, Mich.
Clincinnati Fruit & Extract Works, 422 W. 4th St., Cincinnati 2, Ohio.
Charles Dennery, Inc., 516 Magazine, New Orleans 2, La.
R. I'. Delapenha & Co., 57 Laight St., New York, N. Y.
T. M. Duche & Sons, Inc., 117 Hudson St., New York 13,
N. Y.

N. Y.
The Dromedary Co., 110 Washington St., New York 6, N. Y.
Liberty Cherry & Fruit Co., Inc., Covington, Ky.
Lyons-Macnus, inc., 2546 16th St., San Francisco 3, Calif.
Mawer-Gulden-Annis, Inc., 87 34th St., Brooklyn 32, N. Y.
(Dipping)
Natural Sugars, Inc., 601 W. 26th St., New York 1. N. Y.
Ohio Fruit Products Co., Inc., Smedley St., North East, Pa.
C. M. Pitt & Sons Co., 8223 Pulaski Highway, Baltimore
6, Md.
Christo Poulos & Co., Inc., 75 Front St., Prochim

6, Md.
Christo Poulos & Co., Inc., 75 Front St., Brooklyn 6, N. Y.
Richardson Corp., P.O. Box 790, Rochester 3, N. Y.
Schall & Co., \$1 Barclay St., New York 7, N. Y.
S & W Fine Foods, Inc., 155 Berry St., San Francisco 19,
Calif.
J. Hungerford Smith Co., 410 N. Goodman St., Rochester,

Standard Fruit Product Co., Box 143, Cincinnati 15, O. Sunred Corp., 976 W. 5th St., Winona, Minn. Superior Fruit Processing Co., Inc., 240 Center St., Staten Island 6, N. Y. Van Pyk & Reeves, Inc., 167 41st St., Brooklyn 32, N. T. Van Dyk & Reeves, Inc., 187 41st St., Brooklyn 22, N. Y. WOOD & SELICK COCONUT CO., INC., 19 Rector St., New York 6, N. Y.

CHERRIES: Maraschino

Apple Growers Asan., 3rd St., Hood River, Ore.
Blanke-Baer Extract & Pres. Co., 3224 So. Kingshighway,
St. Louis, Mo.
Max Ams Division of Airline Foods Corp., 1130 W. Elizabeth Ave., Linden, N. J.
Cincinnati Fruit & Extract Co., 422 W. 4th St., Cincinnati 2, O.
Crandall Petee Co., Inc., 84th St. at Cooper Ave., Brooklyn 27, N. V.
Charles Deparery, Inc., 515 Magazine, New Orleans 1, Lo

Crandall Petee Co., Inc., 84th St. at Cooper Ave., Brooklyn 27. N. Y.
Charles Dennery, Inc., 516 Magazine, New Orleans 1, La. T. M. Duche & Sons, Inc., 117 Hudson St., New York 13, N. Y.
Lyons-Magnus, Inc., 2545 16th St., San Francisco 3, Calif. Mawer-Gulden-Annis Inc., 87 34th St., Brooklyn 32, N. Y.
Natural Sugar, Inc., 661 W. 26th St., New York 1, N. Y.
Ohio Fruit Products Co., Inc., Smedley St. North East, Pa.
C. M. Pitt & Sons Co., 8323 Pulaski Highway, Baltimore 6, Md.
S & W Fine Foods, Inc., 155 Berry St., San Francisco 19, Calif.
Standard Fruit Product Co., Box 143, Cincinnati 15, O.
Sunred Corp., 976 W. 5th St., Winona, Minn.
WOOD & SELIK COCONUT CO., INC., 19 Rector St., New York 6, N. Y.

CHEWING GUM BASE

Gum Base, Inc., 33-34th St., Brooklyn 32, N. Y. H. K. Hart Confections, Inc., 540 33th St., Union City, N. J. Sole Chemical Corp., 27 E. Monroe St., Chicago 3, Ill.

CHICLE

American Chicle Co., 30-30 Thomson Ave., Long Island City, N. Y.
Bemis Associates, Watertown, Mass.
Daiton-Cooper, Inc., 200 W. 34th St., New York 1, N. Y.
Dodwell & Co., Ltd., 79 Wall St., New York 5, N. Y.
The Emulsol Corp., 59 E. Madison St., Chicago 3, Ill.
Thurston & Braidich, 286 Spring St., New York 13, N. Y.

CITRON PEEL

Braun Importing Co., Inc., 161 Hudson St., New York 18, N. Y.
Wm. A. Camp Co., 100 Hudson St., New York 13, N. Y.
Cincinnati Fruit & Extract Works, 422 W. 4th St., Cincinnati 2, Ohlo
Dalton-Cooper Inc., 290 W. 34th St., New York 1, N. Y.
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Citron (Con't)

The Dromedary Co., 110 Washington St., New York 6, N. Y. T. M. Duche & Sons, Inc., 117 Hudson St., New York 14, N. Y. N. Y. Wm. A. Higgins & Co., Inc., 100 Hudson St., New York 13. N. Y.

13, N. Y. Lyons-Magnus, Inc., 2545 16th St., San Francisco 3, Calif. C. M. Pitt & Sons Co., 8323 Pulaski Highway, Baltimore 6, Md. Christo Poulos & Co., Inc., 75 Front St., Brooklyn 6, N. Y. Richardson Corp., P.O. Bex 790, Rochester S, N. Y.

S & W Fine Foods, Inc., 155 Berry St., San Francisco 19, Calif.

H. C. Schranck Co., 435 N. Milwaukee St., Milwaukee 2, Wis. Schuster Importing Co., Inc., 250 W. 57th St., New York 19, N. Y.

Thomas J. Shields Co., 44 Cliff St., New York 38, N. Y. Standard Fruit Product Co., Box 143, Cincinnati 15, O. Superior Fruit Processing Co., Inc., 240 Center St., Staten Island 6, N. Y. WOOD & SELICK COCONUT CO., INC., 19 Rector St., New York 6, N. Y.

COATINGS: Liquors COCOA BUTTER and POWDER: Chocolate

AMBROSIA CHOCOLATE Co., 1109 North Fifth Street, Milwaukee 3, Wis. (butter, coatings, powder, liquors) Bachman Chocolate Mfg. Co., Mt. Joy, Pa. (butter, powder, liquor) ker, Div. General Foods Corp., Pierce Sq., Dorcoatings, liquor) Walter Baker, Div chester 24, Mass.

chester 24, Mass.
Boldemann Chocolate Co., Inc., 620 Folsom St., San Francisco 7, Calif.
The Bloomer Chocolate Co., 600 W. Kinzle St., Chicago 10, Ill
BLUMENTHAL BROS CHOCOLATE Co., Margaret and
James Sts., Philadelphia 37, Pa.
Brewster Ideal Chocolate Co., 345 Central Ave., Newark 3, N. J.

N. J. Chocolate Menier Company, 1127 Clinton St., Hoboken, N.J. Cocoline Chocolate Co., Inc., 689-697 Myrtle Ave., Brooklyn

D. Ghirardelli Co., P. O. Box 3581, San Francisco 19, California

Guittard Chocolate Co., 10 Guittard Rd., Burlingame, Calif. HOOTON CHOCOLATE COMPANY, 353 N. Fifth Street, Newark 7, N. J. (powder, contings & liquors) Hershey Chocolate Corp., 19 E. Chocolate Ave., Hershey,

Klein Chocolate Company, Elizabethtown, Pa. (coating, liquors, powder)

COLORED COATINGS Add color to your package! Bon bon coatings in pink, green, peach, yellow and white. Nu Coat Bon Bon Company 4338 N. Western Avenue Chicago 18, Illinois

MERCKENS CHOCOLATE CO., INC., 155 Great Arrow Ave., MERCKENS CHOCOLATE CO., INC., 185 Great Arrow Ave., Buffalo 1, N. Y. (coatings, liquors)

THE NESTLE COMPANY, INC., 2 Williams St., White Plains, N. Y. (powder, conting, liquors)
Sparrow & Meins Chocolate Co., Inc., 27 Doane St., Boston 9, Mass. (coatings, powder, liquor)
A. N. Stoliwerck, Inc., 1651 Haddon Avenue, Camden, N. J. Mansfield Chocolate, Inc., Mansfield, Mass.
C. J. Van Houten & Zoon, Inc., 537 Greenwich St., New York 13, N. Y.
Van Leer Chocolate Corp., 110 Hoboken Ave., Jersey City, N. J.
Washington Chocolate Co., 528 Pontias St., Seattle, Washington. ington. WILBUR-SUCHARD CHOCOLATE CO., INC., 48 No. Broad,

COATINGS: Non Chocolate

AMBROSIA CHOCOLATE CO., 1100 N. Fifth St., Milwau-kee 3, Wis. (white) Bachman Chocolate Mfg. Co., Mount Joy, Penn. Walter Baker Division, General Foods Corp., Pierce Square, Dorchester 24, Mass. Bloomer Chocolate Co., 600 W. Kinzie St., Chicago 10, Ill.

(white)
BLUMENTHAL BROS. CHOCOLATE CO., Margaret &
James Sts., Philadelphia 37, Pa.
Guittard Chocolate Co., 10 Guittard Rd., Burlingame, Calif.

Listings continued



MERCKENS CHOCOLATE COMPANY, INC.

155 Great Arrow Avenue, Buffalo 7, New York

BRANCHES AND WAREHOUSE STOCKS IN BOSTON, NEW YORK, CHICAGO, LOS ANGELES, OAKLAND, SALT LAKE CITY, SEATTLE White

Boston , N. J.

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Square, 10, Ill. aret & , Calif.

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 HOOTON CHOCOLATE CO., 388 N. 5th St., Newark 7, N. J. MERCKENS CHOCOLATE CO., INC., 155 Great Arrow Ave., Buffulo 7, N. Y.
National Starch Products, Inc., 750 Third Ave., New York 17, N. Y. (starch for coatings)
THE NESTLE COMPANY, INC., 2 William St., White Plains,

N. Y.
NU COAT BON BON COATING CO., 4338 N. Western Ave.,
Chicago, Illinois
Sparrow & Meins Chocolate Co., 27 Doane St., Boston
9, Mass.
Van Leer Chocolate Corp., 110 Hoboken Ave., Jersey City
2, N. J.
Washington Chocolate Co., 528 Pontius, Seattle, Wash.
WILBUR-SUCHARD CHOCOLATE CO., INC., 48 N. Broad
St., Litits, Pa.

COCOA BEAN: Importers

Ernest Adler Co., Inc., 67 Wall St., New York 5, N. Y. J. Aron & Company, Inc., 79 Wall Street, New York 5, N. Y. Atkins, Kroll & Co., 417 Montgomery St., San Francisco 4, Calif.

Daarnhouwer & Co., Inc., 67 Wall Street, New York, N.Y. Dalton-Cooper, Inc., 200 W. 34th St., New York 1, N. Y. Dammann & Smeltzer, Inc., 71 Murray St., New York 7, N. Y.

General Cocoa Company, 82 Wall Street, New York 5, N.Y. A. C. Israel Commodity Co., 95 Front St., New York 5, N.Y. Marcone & Co., Inc., 82 Beaver St., New York 5, N. Y. Howard T. McKee, 82 Beaver St., New York 5, N. Y. Nieschlag & Co., Inc., 79 Wall St., New York 5, N. Y. S. B. Penick & Co., 50 Church St., New York 8, N. Y. S. H. Fenick & Co., so Charlet St., New York 5, N. Y.
C. Schroeter, Inc., 95 Wall St., New York 5, N. Y.
Snyder & Wheeler, 129-135 Pearl St., New York, N. Y.
Tropic Foods, Inc., Pier 2, N. R., New York 6, N. Y.
(Grower and Importer)

Wessels Kulenkampff & Co., 78 Beaver St., New York 5, N. Y.

COCOA: Powder & Butter

AMBROSIA CHOCOLATE Co., 1100 N. 5th St., Milwaukee

Ernest Adler Co., Inc., 76 Beaver St., New York 5, N. Y. Bachman Chocolate Mfg. Co., Mt. Joy, Pa.

WALTER BAKER DIVISION, General Foods Corp., Pierce Square, Dorchester 24, Mass.

BLUMENTHAL BROS. CHOCOLATE CO., Margaret & James Sts., Philadelphia 37, Pa.

Daarnhower & Co., Inc., 67 Wall St., New York 5, N. Y.

Guittard Chocolate Co., 10 Guittard Rd., Burlingame, Calif. Klein Chocolate Co., Brown St., Elizabethtown, Penn.

MERCKENS CHOCOLATE CO., INC., 125 Great Arrow Ave., Baffalo 7, N. Y.

THE NESTLE COMPANY, 2 William St., White Plains, N. Y.

Sparrow & Meins Chocolate Co., 27 Doane St., Boston 9, Mass.

U. S. Cocoa Corp., 130 Broadway, Camden 2, N. J.

Van Leer Chocolate Corp., 110 Hoboken Ave., Jersey City 2, N. J.

Washington Chocolate Co., 528 Pontius, Seattle, Wash.

Washington Chocolate Co., 528 Pontius, Seattle, Wash.

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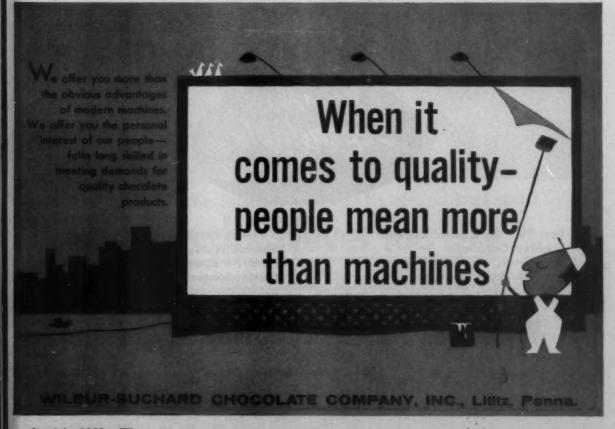
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COCOA BEANS - COCOA BUTTER Cocoa and Chocolate Products

COCONUT BUTTER and OIL

Ernest Adler Co., Inc., 76 Beaver St., New York 5, N. Y. BEST FOODS, INC., 1 E. 43rd St., New York 17, N. City Products Co., 525 West 1st Ave., Columbus Capital Cit

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Snyder & Wheeler, 129-35 Pearl St., New York, N. Y. Spencer Kellogg & Sons, Inc., 58 Delaware Ave., Buffalo. 5, N. Y. Welch, Holme & Clark Co., Inc., 1 Hudson St., New York

Welch, Holme & Clark Co., Inc., 1 Hudson St., New York 13, N. Y. Wesson Oil & Snowdrift, Inc., 4421 W. 31st St., Chicago 23, Ill.

COCONUT: Creamed

Franklin Baker Div., General Food Corp., 15th & Bloomfield, N. J.

DURKEE FAMOUS FOODS DIV., Glidden Co., 2760 Elston St., Chicago 47, III.

WOOD & SELICK COCONUT CO. INC., 19 Rector St., New York 6, N. Y.

COCONUT: Desiccated

Atkins, Kroll & Co., 417 Montgomery St., San Francisco 4, Calif.

Franklin Baker Div., General Foods Corp., 15th & Bloomfield, Hoboken, N. J.

Balfeur Guthrie & Co., Ltd., 67 Wall St., New York 5, N. Y.

B & O Nut Company, 66 Broadway, San Francisco 11, Calif.

Dodwell & Co., Ltd., 120 Wall St., New York 5, N. Y.

6, N. Y.

6, N. Y. DURKEE FAMOUS FOODS, Div. of the Glidden Co., 1306 Union Commerce Bidg., Cleveland 14, O. The Dromedary Company, 110 Washington St., New York T. M. Duche & Sons, Inc., 117 Hudson St., New York 13, N. Y.

Philippine Desiccated Coconut Corp., 80-8th Ave., New York 11, N. Y.

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Red "V" Desiccated Coconut **Toasted Coconut** True-Fresh* Colored Coconut **Favorite Rum Flavor**

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Coconut: Dessicated (con't)

Red Line Commercial Co., Inc., 280 Broadway, New York S. N. Y. W. F. Straub, 5514-20 Northwest Highway, Chicago 30, Ill. SUN-RIPE COCOANUT CORP., 79 Wall St., New York 5, No. X. WOOD & SELICK COCONUT CO., INC., 19 Rector St., New York 6, N. Y.

COCONUT: Paste

Burke Products Co., Inc., 317 W. Hubbard St., Chicago, Il The Dromedary Company, 110 Washington St., New Yor

DURKEE FAMOUS FOODS, 900 Union Commerce Bldg.,

4825 S. Rockwell, Chicago 32, Ill. Company Goebel Company, 1525 S. Rockwell, Chicago S. R. SENNEFF-HERR Co., 298-4th Ave., Sterling, Ill.
Spencer Kellogg & Sons, 98 Delaware Ave., Buffalo, N. Y.
White Stokes Co., Inc., 3615 Jasper Pl., Chicago 9, Ill. OOD & SELICK COCONUT CO., INC., 19 Rector St., New York 6, N. Y.

COCONUT: Prepared

Franklin Baker Div., General Foods Corp., 15th & Bloomfield Sts., Hoboken, N. J.

The Dromedary Co., 110 Washington St., New York 6, N. Y.

T. M. Duche & Sons, Inc., 117 Hudson St., New York, N. Y.

DURKEE FAMOUS FOODS, 900 Union Commerce Bidg.,
Cleveland 14, 0.

Far Eastern Mfg. Co., Inc., 28-38 Ninth St., Long Island
City, N. Y.

Overseas Trading Corp., 240 Lexington Ave., New York
17, N. Y.

Philipping, Daylogs and Convent Corp. Philippine Desiccated Coconut Corp., 80-8th Ave., New York 11, N. Y. Red Line Commercial Co., Inc., 280 Broadway, New York 8, N. Y. 8. N. Y.
Standard Coconut Corp., 565 Fifth Ave., New York, N. Y.
W. F. Straub & Company, 5514-20 Northwest Highway,
Chicago 30, 111.
WOOD & SELICK COCONUT CO., INC., 19 Rector St.,
New York & N. Y.

COCONUT: Whole

Universal Importing Co., 1 Hudson St., New York, N. Y. Wessels, Kulenkampff & Co., 76 New York 5, N. Y.

COLORS: Certified

American Products Co., 1501 Lettimer, Dallas 1, Texas Wm. W. Bell Company, 330 N. Ashland Ave., Chicago 7, Ill. Blanke-Baer Extract & Preserving Co., 3224 S. Kingshighway St. Louis 9, Mo.
W. J. BUSH & Co., INC., 137 Boston Post Rd., Ces Ceb, Conn. Ino Chemical Co. 412 Elm St., Cincinnati 2, Ohio he Colyer Co., 350 Lexington Ave., New York 16, N. Y. Crescent Mfg. Co., 657 Pearborn St., Seaftle 4, Wash. DODGE & OLCOTT, INC., 180 Variek St., New York 14, Flavanilla Laboratories, 6245 Cottage Grove, Chicago 37, PLORASYNTH LABORATORIES, INC., 900 Van Nest Ave., New York 62, N. Y. FOOD MATERIALS CORP., 2521 W. 48th St., Chicago 32, FRITZSCHE BROTHERS, INC., 76 Ninth Ave., New York 11, N. Y. King Extract Co., 1779 Folsom St., San Francisco 3, Calif. H. KOHNSTAMM & COMPANY, 87 Park Pl., New York 7, Leeben Chemical Co., Inc., 140 W. Broadway, New York 13, N. Y.
James B. Long & Co., 6408 Lincoln Ave., Morton Grove, Ill.
George Leuders & Co., Inc., 427 Washington St., New York
13, N. Y.
Magnus, Mabee & Reynard, Inc., 16 Desbrosses St., New
York 13, N. Y.
NATIONAL ANILINE DIV., ALLIED CHEMICAL & DYE
CORP., 46 Rector St., New York 6, N. Y.
Neumann-Buslee & Wolfe, Inc., 5800 Northwest Highway,
Chicago 31, Ill.
H. H. Ottens Mfg. Co., Inc., 129 S. Front St., Philadelphia
6, Pa. Peerless Color Laboratories, 11 Diamond Pl., Rochester 9, N. Y. Peerless Color Laboratories, in Disamonte, 9, N. Y.
F. Ritter & Co., 4001 Goodwin St., Los Angeles 39, Calif. Ryland-Johnson Co., Inc., 174 Front St., New York 38, N. Y.
Seeley & Co., Inc., 1 Main St., Nyack, N. Y.
WM. J. STANGE CO., 342 N. Western Ave., Chicago 12, Ill.
STERWIN CHEMICALS, INC., 1456 Broadway, New York 18, N. Y.
Synfieur Scientific Laboratories, Inc., Monticello, N. Y.
Virginia Dare Extract Company, Bush Terminal Bidg.
10, Brooklyn 32, N. Y.
Ungerer & Co., Inc., 161 E. 6th Ave., New York, N. Y.
Warner Jenkinson Mfg. Co., 2526 Baldwin St., St. Louis 6, Mo.

Widmayer & Jungling, 150 Chambers St., New York 7,

COLORS: Vegetable

The W. B. Berghausen Chemical Co., 4538 W. Mitchell Ave., Cincinnati 32, O. (caramel)

Flavanilla Laboratories, Inc., 6245 Cottage Grove Ave. Chicago 37, Ill.

FLORASYNTH LABORATORIES, INC., 900 Van Nest Ave., New York 62, N. Y.

FOOD MATERIALS CORP., 2521 W. 48th St., Chicago FRITZSCHE BROS., INC., 76 Ninth Ave., New York 11,

N. Y. Griffith Laboratories, Inc., 1415 W. 37th St., Chicago 9, III

B. Heller & Co., 3925 S. Calumet Ave., Chicago 15, Ill. Hoffman-La Roche, Inc., Nutley 10, N. J.

H. KOHNSTAMM & CO., INC., 87 Park Pl., New York

Leeben Chemical Co., 140 W. Broadway, New York 13, N.Y. James B. Long & Co., 6408 Lincoln Ave., Morton Grove, Ill. Geo. Lueders & Company, 427 Washington St., New York 13. N. Y.

S. B. Penick & Co., 50 Church St., New York 7, N. T. CHAS. PFIZER & CO., INC., 630 Flushing Ave., Brooklys

Sethness Products Co., 444 N. Lake Shore Drive, Chicago, Ill. (caramel)

Union Sales Corp., Columbus, Ind. (caramel) Warner Jenkinson Mfg. Co., 2626 Baldwin St., St. Louis

CORN FLAKES

Decatur Milling Company, Inc., P. O. Box 70, Decatur 60, mour S. Fagan Co., 520 N. Michigan Ave., Chicago 11, Ill.
General Food Sales Co., 250 Park Ave., New York, N. Y.
Kellogg Co., Battle Creek, Mich.
Miner-Hillard Milling Co., 828 2nd Natl Bank Bldg.,
Wilkes-Barre, Pa.
Patent Cereals Co., 2 Hudson St., New York 13, N. Y.
J. R. Short Milling Co., 3753 So. May St., Chicago 9, Ill.
(white) (white)
Van Brode Milling Co., Inc., Clinton, Mass. (also Rice and Puffed Wheat)

CORN OIL: Refined

Capital City Products Co., 525 W. 1st Ave., Columbus 8, Ohio CLINTON CORN PROCESSING CO., Clinton, Iowa CORN PRODUCTS SALES COMPANY, 17 Battery Place, New York 4, N. Y. E. F. Drew & Co., Inc., 15 E. 26th St., New York 75 N, Y. Durkee Famous Foods, 900 Union Commerce Bidg., Cleveland 14, O. Morris Fuchs & Co., 99 Wall St., New York 5, N. Y. A. Glurlani & Bro., 537 Front St., San Francisco 26, Calif. C. F. Simonin's Sons, Inc., E. Troga & Belgrade St., Philadelphia 34, Pa.

A. E. STALEY MFG. CO., Box 151, Decatur 60, Ill. Weich, Holme & Clark Co., Inc., 439 West St., New York 14, N. Y.

CORN STARCH: Confectioners' (Moulding and Thin Boiling Starches)

American Maize Products Co., 250 Park Ave., New York 17, N. Y.

ANHEUSER-BUSCH, INC., 721 Pestalogzi St., St. Louis

CLINTON CORN PROCESING CO., Clinton, Iowa CORN PRODUCTS SALES CO., 17 Battery Pl., New York 4, N. Y.

THE HUBINGER CO., 601 Main St., Keokuk, Iowa

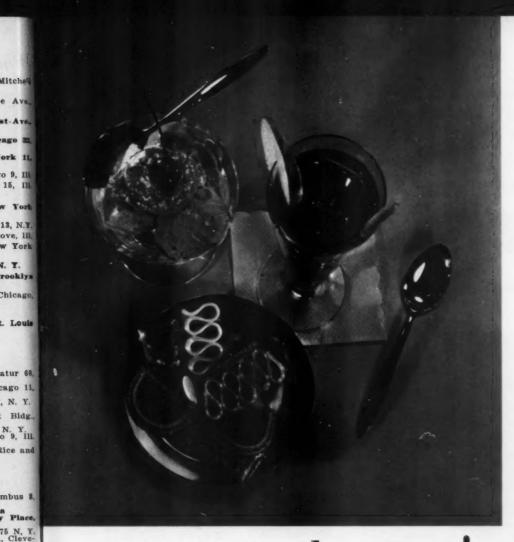
Keever Starch Co., 538 E. Town St., Columbus 15, O. National Starch Products, Inc., 750 Third Ave., New York

Paisley Products, Inc., 630 W. 1st St., New York 19, N. Y. Penick & Ford, Ltd., 420 Lexington Ave., New York 17, N.Y. A. E. STALEY MFG. CO., Box 151, Decatur 60, III.

Stein, Hall & Co., 285 Madison Ave., New York 17, N. Y. Union Starch & Refining Co., Columbus, Ind. Welche, Holm & Clark Co., Inc., 439 West St., New York 14, N. Y.

CORN SUGAR

American Maize Products Co., 250 Park Ave., New York 17, N. Y. CLINTON CORN PROCESSING CO., Clinton, Iewa CORN PRODUCTS SALES CO., 17 Battery Pl., New York 4, N. Y. Penick & Ford, Ltd., 420 Lexington Ave., New York 17, Union Sales Corp., Columbus, Ind. (crude)



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DIVISION ALLIED CHEMICAL CORPORATION . 40 RECTOR STREET, NEW YORK 6, N. Y.

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CORN SYRUP

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CRANBERRIES: Preserved Whole

Blanke-Baer Extract & Preserving Co., 3224 S. Kingshighway, St. Louis 9, Mo. Cranberry Products Co., Eagle River, Wis. Superior Fruit Processing Co., Inc., 240 Center St., Staten

CREAM: Evaporated and Powdered

Basic Industries, Inc., 919 N. Michigan Ave., Chicago 11, Ill. Central Missouri Milk Cooperative, Marshall, Mo. Land O'Lakes Creameries, Inc., 2215 Kennedy St., N.E., Minneapolis 13, Minn. North Star Dairy, 625 New York Bidg., St. Paul 1, Minn. Roberts Dairy Co., 2901 Cuming, Omaha 1, Nebr. Swift & Co., U. S. Yards, Chicago 9, Ill.

CURRANTS

Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif. Braun Importing Co., Inc., 161 Hudson St., New York 13, N. Y. Wm. A. Camp Co., 100 Hudson St., New York 13, N. Y. Wm. A. Higgins & Co., Inc., 100 Hudson St., New York 13, N. Y. Sun-Maid Raisin Growers Association, Fresno, Calif. Superior Fruit Processing Co., Inc., 16 Osgood Ave., Staten Island 4, N. Y.

DATES

Max Ams Division of Airline Foods Corp., 376 Greenwich St., New York 13, N. Y. Atkins, Kroll & Co., 220 California St., San Francisco 4, Calif. Calif.

Bordo Products Co., 2825 Sheffield Ave., Chicage 14, Ill.
Braun Importing Co., Inc., 161 Hudson St., New York
13, N. Y.
Wm. A. Camp Co., Inc., 100 Hudson St., New York 13, N. Y.
Christo Poulos & Co., Inc., 75 Front St., Brooklyn 5, N. Y.
The Dromedary Co., 110 Washington St., New York 6, N. Y.
N. Y.
Christo Pouche & Bons, Inc., 117 Hudson St., New York 14, N. I. Guggenheim & Co., Box 270, Hayward, Calif. Wm. A. Higgins & Co., Inc., 100 Hudson St., New York 13, N. Y. 13, N. L.
North Ontario Fruit Co., 953 E. St. St. St. Calif.
Calif.
Christo Poulos & Co., 75 Front St., Brooklyn 1, N. Y.
Red Line Commercial Co., Inc., 280 Broadway, New York
City 8, N. Y.
S & W Fine Foods. Inc., 155 Berry St., San Francisco 19,
Falif.
16 Hudson St., New York 13, N. Y.
New York 13, N. Y. S & W Fine Foods, Inc., 199 Bell, Calif.
Bruno Scheidt, Inc., 16 Hudson St., New York 13, N. Y.
Smyrna Imports Co., Inc., 99 Hudson St., New York 13,
Smyrna Imports Co., Inc., 99 Hudson St., New York 13, Sunset Sternau Food Co., 444 Market St., San Francisco Calif. Calif.
Superior Fruit Processing Co., Inc., 240 Center St., Staten
Island 6, N. Y.
United Date Growers of California, Indio, Calif.
Van Dyke & Reeves, Inc., 167 41st St., Brooklyn, N. Y.
Virginia & Spanish Peanut Co., 250 Dexter St., Providence
7, R. J.

DRAGEES (French Silver)

Schall & Co., \$1 Barclay St., New York 7, N. Y. Wallace & Co., 460 Smith Ave., Brooklyn 31, N. Y.

EGGS: Frozen

Anheuser-Busch, Inc.. 721 Pestalozzi St., St. Louis 18, Mo. Armour & Co., Union Stock Yards, Chicago 9, Ill. Albert & Gerber, 315 Greenwich St., New York, N. Y. Bellevue Creamery & Produce Co., 805 Farnam St., Omaha 5, Nebr. Edson-Pratt, & Riley, Inc., 110 N. Franklin St., Chicago 6, Ill.

WOOD & SELICK COCONUT CO., INC., 19 Rector St., New York 4, N. Y.

The Emulsol Corp., 59 E. Madison St., Chicago 3, Ill. Fairmont Creamery Co., 12th & Jones Sts., Omaha, Nebr. HENNINGSEN, INC., 347 Madison Ave., New York 17, N. Y. Land O'Lakes Creameries, Inc., 2215 Kennedy St., N.E., Minneapolis 13, Minn.
S. K. Produce Co., 568 W. Fulton Ave., Chicago, Ill. The Seymour Packing Co., 200 No. Kansas Ave., Topeka, Kan.

Kan. Swift & Co., Union Stock Yards, Chicago 9, Ill. TRANIN EGG PRODUCTS CO., 217 Oak St., Kansas City 6, Mo.

EGG: Whole Solids

Armour & Co., Union Stock Yards, Chicago 9, Ill. Bellevus Creamery & Produce Co., 805 Farnam St., Omaha 5. Nebr. Braun Importing Co., Inc., 161 Hudson St., New York 13, Cudahy Packing Co., 221 N. La Salle St., Chicago 1, Ill Domestic Egg Products Co., 45 W. 36th, New York 1, N. T. T. M. Duche & Sons, Inc., 117 Hudson St., New York 13, Edson Pratt & Riley, Inc., 110 N. Franklin St., Chicago

6. III.
The Emulsol Corp., 59 E. Madison St., Chicago 3, III.
Fox Deluxe Foods. Inc., 1122 W. Fulton St., Chicago, III.
Haug & Co., 99 Wall St., New York 5, N. Y.
HENNINGSEN BROS., INC., 347 Madison Ave., New York

17, N. Y.

Land O'Lakes Creamerles, Inc., 2215 Kennedy St., N.E.,
Minneapolis 13, Minn.

Omaha Cold Storage Co., Omaha, Nebr.

The Seymour Packing Co., 200 No. Kansas Ave., Topeka,
Kan.

Kan. Swift & Co., Union Stock Yards, Chicago 9, Ill. TRANIN EGG PRODUCTS Co., 217 Oak St., Kansas City

EGG: Yolk

Armour & Co., Union Stock Yards, Chicago 9, Ill. Braun Importing Co., Inc., 161 Hudson St., New York 13, N. Y. Paul A. Dunkel & Co., Inc., 1 Wall St., New York 5, N. Y. Henningsen, Inc., 347 Madison Ave., New York 17, N. Y. Land O'Lakes Creamerles, Inc., 2215 Kennedy St., N.E., Minneapolis 13, Minn.
The Seymour Packing Co., 200 No. Kansas Ave., Topeka, Kon.

Minneapolis 13, Minn.
The Seymour Packing Co., 200 No. Kansas Ave., Topeka, Kan.
Stain, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.
Swift & Co., Union Stock Yards, Chicago 9, Ill.
TRANIN EGG PRODUCTS Co., 217 Oak St., Kansas City 6, Mo.,
United Chemical & Organic Products, Calumet City, Ill.

EMULSIFIERS

American Lecithin Co., 57-01 32nd Ave., Woodside 77, N. Y. American Oil & Supply Co., 238 Wilson Ave., Newark 5, N. J. Atlas Powder Company, Wilmington 99, Del. Colgate-Palmolive Co., 105 Hudson St., Jersey City, N. J. The Dow Chemical Co., Midland, Mich. E. F. Drew & Co., 15 E. 26th St., New York 10, N. Y. T. M. Duche & Sons, Inc., 117 Hudson St., New York 13, N. Y. DURKEE FAMOUS FOODS, 900 Union Commerce Bldg.,

Cleveland 14, 0.

The Emulsol Corp. 59 E. Madison St., Chicago 3, Ill. Glyco Products Co., Inc., 26 Court St., Brooklyn 2, N. Y. Kadiem, Inc., 366 W. 15th St., New York, N. Y. Mallet & Company, Inc., 601 E. General Robinson St., Pittsburgh 12, Pa.

The Northwestern Chemical Co., 120 N. Aurora St., West Chicago, Ill.

S. B. Penick & Co., 50 Church St., New York 7, N. Y. Ross & Rowe, Inc., 50 Church St., New York 7, N. Y. Ross & Rowe, Inc., 50 Church St., New York 7, N. Y. Sole Chemical Corp., 27 E. Monroe St., Chicago 3, Ill. A. E. STALEY MFG. CO., Decatur 60, Ill. Swift & Co., Union Stock Yards, Chicago 9, Ill. Tragacanth Importing Corp., 141 E 44th St., New York 17, N. Y. Ungerer & Co., 161 Ave. of Americas, New York 13, N. Y. Vejin, Inc., 944 W. 5th St., Cincinnati 3, Ohio Welch, Holme & Clark Co., Inc., 1 Hudson St., New York 13, N. Y. Jacques Wolf & Co., Box 839, Passaic, N. J.

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American Food Laboratories, Inc., 860 Atlantic Ave., Brooklyn 17, N. Y. Wm. M. Bell Co., 330 N. Ashland Ave., Chicago 7, Ill. Blue Seal Extract Co., Inc., 11 Windsor St., Cambridge 39, w J. BUSH & CO., INC., 137 Boston Post Rd., Cos Cob,

Conn.
Ph. Chaleyer, Inc., 160 E. 56th St., New York 22, N. Y.
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Citrus & Allied Essential Oils Company, 61 Sheffield Ave.,
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E. R. Mollner Co., 2405 Forney St., Los Angeles 31, Calif.
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Monsanto Chemical Co., 1700 S. Second St., St. Louis 4, Md.
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Baker Extract Co., 1 Extract Pl., Springfield 1, Mass.
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Blue Seal Extract Co., 11 Windsor St., Cambridge 39, Mass.
W. J. Bush & Co., 137 Boston Post Rd., Cos Cob, Conn.
Ph. Chaleyer. Inc., 160 E. 56th St., New York 22, N. Y.
The Cincinnati Fruit & Extract Works, 424-426 W. 4th St.,
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E. R. Mollner Co., 2405 Forney St., Los Angeles 31, Calif. Monsanto Chemical Co., 1700 S. 2nd St., St. Louis 4, Mo. (imitation)

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(imitation)
Torre Products Co. Inc., 92-98 Cliff St., New York 38, N. Y.
Ungerer & Co., Inc., 161 6th Ave., New York, N. Y.
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Atkins, Kroll & Co., \$20 California St., San Francisco 4, Calif. Decatur Milling Co., 717 N. Main, Decatur, Iil. Seymour S. Fagan Co., \$20 N. Michigan Ave., Chicago 11. Ill.

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Mt. Vernon Milling Co., Mt. Vernon, Ind.

National Starch Products, Inc., 270 Madison Ave., New

York 16, N. Y.

D. Scrivanich & Co., 1343 Arch St., Philadelphia 7, Pa.

J. R. Short Milling Co., 3753 So. May St., Chicago 9, Ill.

(white)

FLOUR: Potato

Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif. Callf.
Griffith Laboratories, Inc., 1415 W. 37th St., Chicago 9. Ill
Palsley Products, Inc., 630 W. 51st St., New York 19, N. Y
Rogers Bros. Seed Co., Inc., 308 W. Washington St.
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Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif. Paisley Products, Inc., 630 W. 51st St., New York 19, N. Y Southern Rice Sales Co., Inc., 350 W. 4th St., New York, N. Y. Stein-Hall & Co., Inc., 285 Madison Ave., New York 17,

FLOUR: Tapioca

Archibald & Kendall, Inc., 8 Beach St., New York 18, N. Y. Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif.
Dalton-Cooper, Inc., 200 W. 34th St., New York 1, N. Y. National Starch Products, Inc., 270 Madison Ave., New York 16, N. Y.
Paisley Products, Inc., 630 W. 51st St., New York 19, N. Y.
D. Scrivanich & Co., 1343 Arch St., Philadelphia 7, Pa. Geo. Segai Co., 50 E. 42nd St., New York 17, N. Y.
Stein-Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.

FONDANT

BURKE PRODUCTS CO., INC., 317 W. Hubbard St., Chicago 16, III.

Charles Dennery, Inc., 516 Magazine, New Orleans 1, La. Eng-Skell Co., 1035 Howard St., San Francisco 3, Calif. Henry Heide, Inc., 318 Hudson St., New York 13, N. Y. Lyons-Magnus, Inc., 2545 16th St., San Francisco 3, Calif. Henry H. Ottens Mrg. Co., Inc., 129 S. Front St., Philadelphia 6, Pa.

SENNEFF-HERR CO., Sterling, III.

Star-Kay White, 1161 E. 156th St., New York 59, N. Y. White Stokes Co., Inc., 3615 Jasper Pl., Chicago 9, III. WOOD & SELICK COCONUT CO., INC., 19 Rector St., New York 6, N. Y.

FRUITS: Canned

Apple Growers Assn., 2rd St., Hood River, Ore.
Blanke-Baer Extract & Preserving Co., 3224 S. Kingshighway, St. Louis 9, Mo.
Cincinnati Fruit & Extract Works, 422 W. 4th St., Cincinnati 2, Ohio.

J. Klarberg & Co., 89-21 161st St., Jamaica, Long Island
2, N. Y.
Libby, McNeill & Libby, U. S. Yards, Chicago 9, Ill.
Christo Poulos & Co., 75 Front St., Brooklyn 1, N. Y.
National Fruit Product Co., Inc., Winchester, Va.
S & W Fine Foods, Inc 155 Berry St., San Francisco 19,
Calif.
Sardik Food Products Corp., Shirley, Ind.
Standard Fruit Product Co., Box 142, Cincinnati 15, O.
Superior Fruit Processing Co., Inc., 16 Osgood Ave., Staten
Island 4, N. Y.
Chas T. Taylor, 124 W. Fourth St., Los Angeles 13, Calif.

FRUIT: Crushed Atkins, Kroll & Co., 320 California St., San Francisco 4,

Leo Benjamin, Inc., 389 Washington St., New York 12 N. Y.
Blanke-Baer Extract & Preserving Co., 3224 S. Kingshighway, St. Louis 9, Mo.
Cincianati Fruit & Extract Works, 422 W. 4th St., Cincinnati 2, Ohio.
Eng-Skell Company, 1035 Howard St., San Francisco 2, Calif. Magnus, Inc., 2545 16th St., San Francisco 3, Calif. Mower-Gulden-Annis, Inc., 87-34th St., Brooklyn 32, N. Y. Natural Sugar, Inc., 801 W. 26th St., New York 1, N. Y. Crandall Pettee Co., Inc., 255 Freeman St., Brooklyn 22, N. Y.
M. Pitt & Sons Co., 8323 Pulaski Highway, Baltimore 6, Md. Richardson Corp., P.O. Box 790, Rochester 2, N. Y. S. and W. Fine Foods, Inc., 155 Berry St., San Francisco, Cal.

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Bruno Scheidt, Inc., 16 Hudson St., New York 13, N. Y. H. C. Schranck Co., 435 N. Milwaukee St., Milwaukee 2, WIR.
SENNEFF-HERR CO., Sterling, III.
Star Kay White, Inc., 1161 E. 156th St., New York 59, N. Y.
Superior Fruit Processing Co., 16 Osgood Ave., Staten
Island 4, N. Y.

FRUITS: Dipping

Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif. Blanke-Baer Extract & Preserving Co., 3224 S. Kingshighway, St. Louis 9, Mo. Cincinnati Fruit & Extract Works, 422 W. 4th St., Cincinnati 2, Ohio.
Citrus Fruit Specialties Co., 123 Pitt, New York, N. Y. Cranberry Products Co., Eagle River, Wis. (cranberries) Hood River Canning Co., Hood River, Ore. The Liberty Cherry & Fruit Co., Inc., Covington, Ky. Lyons-Magnus, Inc., 2545 15th St., San Francisco 3, Calif. Mawer-Gulden-Annis Inc., 87 Thirty-Fourth St., Brooklyn 6, N. Y. 5, N. Y.
Pink Cottage Candies, Sylvan Shore, Mount Dora, Fla.
Christo Poulos & Co., Inc., 75 Front St., Brooklyn 6, N. Y.
S & W Fine Foods, Inc., 155 Berry St., San Francisco 19, Calif. Schranck Co., 435 N. Milwaukee St., Milwaukee 2, H. C. Schranck Co., 435 N. Milwaukee St., Milwaukee L., Wis Louis Segal & Co., 230 N. Dauphin St., Philadelphia, Penn. Thomas J. Shields Co., 44 Cliff St, New York 38, N Y. Standard Fruit Product Co., Box 142, Cincinnati 15, O. Superior Fruit Processing Co., Inc., 240 Center St., Staten Island 6, N. Y.

FRUIT: Frozen

Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif.
Frigid Food Products, Inc., 1951 E. Ferry Ave., Detroit, Mich.
J. R. Lloyd Co., 113 Ferry St., Pittsburgh, Pa.
Sardik Food Products Corp., Shirley, Ind.
STANDARD BRANDS, INC., 625 Madison Ave., New York

22, N. Y. The Standard Fruit Product Co., 210 Main St., Cincinnati 2. Ohio

FRUIT: Glace Braun Importing Co., Inc., 161 Hudson St., New York 13.

N. I. Causse Mfg. & Importing Co., 132 Lincoln Blvd., Bound Brook, N. J. Brook, N. J.
Cincinnati Fruit & Extract Works, 422 W. 4th St., Cincinnati 2, Ohlo.
The Dromedary Co., 110 Washington St., New York 6, N. Y.
T. M. Duche & Sons, Inc., 117 Hudson St., New York 13, N. Y. 13. N. Y. Gordon & Dilworth, Inc., 2815 Paterson Plank Rd., No. Bergen, N. J. & Fruit Co., Covington, Ky. Lyons-Magnus, Inc., 2545 16th Bt., San Francisco 3. Calif. Mainzer, Adolf J., 37th Ave. & East River, New York, N. Y. Ohlo Fruit Products Co., Smedley St., North East, Pa. C. M. Pitt & Sons Co., 8323 Pulaski Highway, Baltimore Christo Poulos & Co. 6, Md.
Christo Poulos & Co., Inc., 75 Front St., Brooklyn 1, N. Y.
B. M. Reeves Co., Inc., 269 37th St., New York, N. Y.
Richardson Corp., P.O. Bex 790, Rochester 3, N. Y.
S & W Fine Foods, Inc., 155 Berry St., San Francisco 19,
Calif.
Thomas J. Shields Co., 44 Cliff St., New York 38, N. Y.
Standard, Fruit Presented

Thomas J. Shields Co., 44 Cliff St., New York 38. N. Y. Standard Fruit Processing Co., 2800 W. 19th St., Chicago Standard Fruit Processing Co., 2000 W. 15th St., Chicago 8, Ill. The Standard Fruit Product Co., Box 142, Cincinnati 15, O. Superior Fruit Processing Co., Inc., 240 Center St., Staten Island 6, N. Y. WOOD & SELICK COCONUT CO., INC., 19 Rector St., New York 6, N. Y.

FRUIT: Dried

Atkins, Kroll & Co., 326 California St., San Francisco 4, Calif. Braun Importing Co., Inc., 161 Hudson St., New York 13, N. Y.

Wm. A. Camp Co., 100 Hudson St., New York 13, N. Y. T. M. Duche & Sons, Inc., 117 Hudson St., New York 14, N. Y. N. Y. Wm. A. Higgins & Co., Inc., 100 Hudson St., New York 13. N. Y.
Christe Poulos & Co., Inc., 75 Front St., Brooklyn 6, N. Y.
S & W Fine Foods, Inc., 155 Berry St., San Francisco 19,
Callf.
Bruno Scheidt, Inc., 16 Hudson St., New York 13, N. Y.
Sun-Maid Raisin Growers Association, Fresno, Calif.
Superior Fruit Processing Co., Inc., 240 Center St., Staten
Island 6, N. Y.

FRUIT: Pulp

Atkins, Kroll & Ce., 320 California St., San Francisco 4, Calif.
Blanke-Baer Extract & Preserving Co., 3224 S. Kingshighway, St. Louis 9, Mo.
S & W Fine Foods, Inc., 155 Berry St., San Francisco 19, Calif.
The Standard Fruit Product Co., Box 142, Cincinnati 15, O. Sunset-Sternau Food Co., Inc., 444 Market St., San Francisco, Calif.

GELATIN

American Agricultural Chemical Co., 204 S. Forman Ave., Detroit 17, Mich. Archibald & Kendall, Inc., 418 Washington St., New York 18, N. Y. Armour & Co., Union Stock Yards, Chicago 9, Ill. Atlantic Gelatin Div., General Foods Corp., Hill St., Woburn. Mass. Chalmers Gelatine Corp., Williamsville, N. Y. Cincinnati Fruit & Extract Works, 424-428 W. 4th St., Cincinnati 2, Ohio Coignet Chemical Co., Inc., 413 Greenwich St., New York 18, N. Y. Dalton-Cooper, Inc., 200 W. 34th St., New York 1, N. Y. Delft Gelatin Corporation, 84-01 libith St., Richmond Hill 18, N. Y. Thos. W. Dunn Co., 9 Victoria Terrace, Ridgefield, N. J. T. M. Duche & Sons, Inc., 117 Hudson St., New York 13, N. Y. Eastman Gelatine Corp., 227 Washington St., Peabody. N. Y.
Eastman Gelatine Corp., 227 Washington St., Peabody,
Mass.
Grayslake Gelatine Co., Grayslake, Ill.
S. Gumpert Co., Inc., 812 Jersey Ave., Jersey City, N. J.
Geo. A. Hormei & Co., Inc., Austin, Minn.

Krim-Ko Co., Scituate, Mass. Milligan & Higgins Corp., 222 Front St., New York 38, N. Y. Milligan & Higgins Corp., 222 Front St., New York 38, N. Y.
S. B. Penick & Co., 50 Church, New York 7, N. Y.
Thomas J. Shields Co., 44 Cliff St., New York 38, N. Y.
Swift & Co., 1215 Harrison Ave., Kearny, N. J.
United Chemical & Organic Products, Calumet City, Ill.
United States Gelatin Div. Peter Cooper Corporations,
Palmer St., Gowanda, N. Y.
Vyse Gelatin Co., 549 W. Randolph St., Chicago, Ill.
J. O. Whitten Co., 134 Cross St., Winchester, Mass.
WOOD & SELICK COCONUT CO., INC., 19 Rector St.,
New York 6, N. Y.

GINGER

Archibald & Kendall, Inc., 481 Washington St., New York 13, N. Y.
Blue Seal Extract Co., Inc., 11 Windsor St., Cambridge 39. Mass.
Cincinnati Fruit & Extract Works, 424 W. 4th St., Cincinnati 3, Ohio.
John Clarke & Co., Inc., 135 Front St., New York 5, N. Y.
Dalton-Cooper, Inc., 290 W. 34th St., New York 1, N. Y.
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T. M. Duche & Sons, Inc., 117 Hudson St., New York 14. R. U. Delapenha & Co., 117 Hudson St., New York 14, N. Y. T. M. Duche & Sons, Inc., 117 Hudson St., New York 14, N. Y. N. Y.

Heller Company, 3925 Calumet Ave., Chicago 15, Ill.

H. A. Johnson Co., 155 No. Beacon St., Boston 35, Mass.

The Liberty Cherry & Fruit Co., Inc., Covington, Ky.

McCormick & Co., Inc., 414 Light St., Baltimore 2, Md.

McLaughlin Gormley King Co., 1715 5th St., S. E. Minneapolis 4, Minn.

S. B. Penick & Co., 50 Church St., New York 7, N. Y.

C. M. Pitt & Sons Co., 8323 Pulaski Highway, Baltimore

6, Md. Bruno Scheidt, Inc., 18 Hudson St., New York 13, N. Y. Standard Fruit Processing Co., 2606 W. 19th St., Chicago, Superior Fruit Processing Co., Inc., 240 Center St., Staten Island, N. Y. Wood & Selick Sweetened Coconut Co., Inc., 19 Rector St., New York 6, N. Y.

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Glaze: Confectioners (con't)
James B. Day & Co., 1872 Clybourn Ave., Chicago 14, Ill.
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Calif.

Henry H. Ottens Mfg. Co., Inc., 129 S. Front St., Phila-delphia, Pa.

O. J. Weeks Co., Inc., 44 No. Moore St., New York 13, N. Y. WOOD & SELICK COCONUT CO., INC., 19 Rector St., New York 5, N. Y. WILLIAM ZINSSER & CO., INC., 516 W. 59th St., New York

19, N. Y.

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American Oil & Supply Co., 238 Wilson Ave., Newark 5, Armour & Co., Union Stock Yards, Chicago 9, Ill. Colgate-Palmolive Co., 105 Hudson St., Jersey City 2, N. J. Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6,

MERCK & CO., INC., Rahway, N. J.
Proctor & Gamble, Gwynne Bidg., Cincinnati, O.
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A. D. Timpson & Co., 223 Broadway, New York, New York

GUM: Arabic and Tragacanth

American Cyanamid Co., 30 Rockefeller Plasa, New York 20, N. Y. Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif. Call.

J. T. Baker Chemical Co., North Phillipsburg, N. J.
W. J. BUSH & Co., INC., 137 Boston Post Rd., Cos Cob. Conn.
Dalton-Cooper, Inc., 200 W. 34th St., New York 1, N. Y.
Dodwoll & Co., Ltd., 129 Wall St., New York 5, N. Y.
DODGE & OLCOTT, INC., 150 Variek St., New York 4, T. M. Duche & Sons, Inc., 117 Hudson St., New York 13, N. Y. Extrax Co., 360 Furman Ct., Brooklyn 2, N. Y. Fine Chemical Co., 150 E. 42nd St., New York, N. Y. FLORASYNTH LABORATORIES, INC., 900 Van Nest Ave., New York 62, N. Y. Charles L. Huisking & Co., Inc., 45 Clinton Ave., Brooklyn 5, N. Y.

Innis, Speiden & Co., 117 Liberty St., New York 6, N. Y. Magnus, Mabee & Reynard, Inc., 16 Desbrosses St., New York 13, N. Y. Mallinckrodt Chemical Works, 3600 N. 2nd St., St. Louis 7, Mo. (Arabic)
Neumann-Busiee & Wolfe, Inc., 5800 Northwest Highway, Chicago 21 111 eumann-Buslee & Wolfe, Inc., 5800 Northwest Highway, Chicago 31, 111. sisley Products, Inc., 620 W Chicago 31, Ill.

Paisley Products, Inc., 620 W. 51st St., New York 19, N. Y.

S. B. Penick & Co., 50 Church St., New York 7, N. Y.

F. Ritter & Co., 4001 Goodwin St., Los Angeles 39, Calif.

Thomas J. Shields Co., 44 Cliff St., New York 38, N. Y.

Stein & Hall Co., Inc., 285 Madison Ave., New York 17,

N. Y. Thurston & Braidich, 286 Spring St., New York, N. Y. Tragacanth Importing Corp., 141 E. 44th St., New York, N. Y. United Chemical & Drug Corp., Bridgeport, Conn. Jacques Wolf & Co., Box 839, Passaic, N. J.

GUM: Karaya (Indian)

American Cyanamid Co., 30 Rockefeller Plaza, New York American 20 N. Y.
Atkins, Kroll & Co., 320 California St., San Francisco 4,
Calif.
Dalton-Cooper, Inc., 200 W. 34th St., New York 1, N. Y.
Dodwell & Co., Ltd., 79 Wall St., New York 5, N. Y.
DODGE & OLCOTT, INC., 180 Variek St., New York 14, N. Y.
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Neumann-Buslee & Wolfe, Inc., 5800 Northwest Highway, Chicago 31, Ill.

Orbis Products Co., 215 Pearl St., New York, N. Y.

Paisley Products, Inc., 630 W. 51st St., New York 19, N. Y.

S. B. Penick & Co., 50 Church St., New York 7, N. Y.

Thomas J. Shields, Co., 44 Cliff St., New York 38, N. Y.

Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y. Thurston & Braidich, 286 Spring St., New York, N. Y. Tragacanth Importing Corp., 141 E. 44th St., New York, N. Y. Jacques Wolf & Co., Box 889, Passaic, N. J.

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10, N. Y.
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Holloway Corp., 57-02 48th St., Mospeth 78, N. Y.
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Crescent Mfg. Co., 657 Dearborn St., Seattle 4, Wash.
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N. Y. Charles Fuchs Co., 120 Wall St., New York 5, N. Y. Morris Fuchs & Co., 99 Wall St., New York 5, N. Y. Natural Sugars, Inc., 601 W. 26th St., New York 1, N. Y. New England Maple Syrup Co., 615 Broadway, Chelsea 56, Mass.

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Burke Products Co., 317 W. Hubbard St., Chicago, Ill.
Cincinnati Fruit & Extract Works, 422 W. 4th St., Cincinnati, 2, Ohio.
Charles Dennery, Inc., 524 Magazine St., New Orleans 1, La.

cinnati, 2, Ohio.
Charles Dennery, Inc., 524 Magazine St., New Origans
1, I.a.
Eng-Skell Company, 1035 Howard St., San Francisco 3,
Calif.
H. A. Johnson Co., 155 No., Beacon St., Boston 35, Mass.
Lyons-Magnus, Inc., 2545 16th St., San Francisco 3, Calif.
Oringer Mfg. Co., 154 State St., Boston 9, Mass.
SENNEFF-HERR Co., 545 State St., Boston 9, Mass.
SENNEFF-HERR Co., 554 State St., New York 59, N. Y.
White Stokes Co., Inc., 3615 Jasper Pl., Chicago 9, Ill.
WOOD & SELICK COCONUT CO., INC., 19 Rector St., New
York 6, N. Y.

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Badgor Milk Products Co., 3326 W. Capitol Dr., Milwaukee 9. Wis.
Blue Moon Foods, Inc., Thorp, Wis.
The Borden Co., 250 Madison Ave., New York 17, N. Y.
C. W. BURCKHALTER, INC., 156 Franklin St., N. Y.
Capatito, Milk Products Co., 5045 Wileldig Plant J.

Carnation Milk Products Co., 5045 Wilshire Blvd., Los Angeles 36, Calif.

Angeles 36, Calif.
Central Missouri Milk Cooperative, Marshall, Mo.
Chippewa County Co-op Dairy, Bloomer, Wis.
Dairyland Milk Corp., 820 Hampden Ave., St. Paul 8, Minn.
Dairymens League Cooperative Assn., Inc., 100 Park Ave.,
New York 17, N. Y.
M. Fitzgerald & Son, Watertown, Wisc.
Goshen Milk Condensing Co., 1114 E Ninth St., Goshen,
Ind.

Ind.

Hawthorn-Mellody Farms Dairy of Wiv., Whitewater, Wis.
Indiana Condensed Milk Co., Chamber of Commerce Bidg.,
Indianapolis, Ind.

Kraft Foods Co., 500 Peshtigo St., Chicago, Ill.
Land O'Lakes Creameries, Inc., 2215 Kennedy St., N.E.,
Minneapolis 13, Minn.

THE NESTLE COMPANY, INC., 2 William St., White
Plains, N.Y.

North Star Dairy, 625 New York Bldg., St. Paul, Minn.
Oatman Brothers, Inc., 151 Middle Ave., Sandwich. Ill.
Page-Bulger Dairy Sales, Inc., 912 University Bldg., Syracuse 2, N. Y.

Roberts Dairy Co., Omaha 1, Nebr.

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Roberts Dairy Co., Omaha 1, Nebr.
Ross & Rowe, Inc., 50 Church St., New York 7, N. Y.
Simmons Dairy Products, Ltd., 2477 Madison Rd., Cincinnati 8, Ohio
Twin City Milk Producers Assn., 2402 University, St.
Paul, Minn.
Waterloo Milk Co., Inc., Waterloo, Illinois

MILK: Dry Whole

American Dry Milk Institute, Inc., 221 No. La Salle St., Chicago 1, Ill.
Armour & Co., Union Stock Yards, Chicago 9, Ill.
C. W. BURKHALTER, INC., 156 Franklin St., New York 13, N. Y.
M. Fitzgerald & Son, Watertown, Wisc.
Page-Bulger Dairy Sales, Inc., 912 University Bidg., Syracuse 2, N. Y.
Swift & Co., 4115 Packers Ave., Chicago 9, Ill.
WESTERN CONDENSING CO., P. O. Box 739, Appleton, Wis.

MILK: Powder and Solids

Alma Dry Milk Co., Alma, Wis. Armour & Co., Union Stock Yards, Chicago 9, Ill. Badger Milk Products Co., Inc., 3326 W. Capitol Dr., Milwaukee 9, Wis. Basic Industries, Inc., 919 N. Michigan Ave., Chicago 11,

The Borden Co., 350 Madison Ave., New York 7, N. Y. Flue Moon Foods, Inc., Thorp, Wis. Bowman Dairy Company, 140 W. Ontario St., Chicago, Ill. C. W. BURKHALTER, INC., 156 Franklin St., New York

illue Moon Foods, Inc., Thorp, Wis.
Bowman Dairy Company, 140 W. Ontario St., Chicago, Ill.
C. W. BURKHALTER, INC., 156 Franklin St., New York
13, N. Y.
Central Missouri Milk Cooperative, Marshall, Mo.
Chippewa County Co-op Dairy, Bloomer, Wis.
Consolidated Dairy Products Co., Seattle, Wash.
Dairymen's League Co-operative Assn., Inc., 100 Park Ave.,
New York 18, N. Y.
Dairyland Milk Corp., 820 Hampden Ave., St. Paul 8, Minn.
Dried Milk Products Co-op., Eau Claire, Wis.
M. Fitzgerald & Son, Watertown, Wisc.
Golden State Sales Corp., Golden State Co., Ltd., 425 Battery St., San Francisco II, Calif.
The Goshen Milk Condensing Co., 1114 S. Ninth St.,
Goshen, Ind.
Hawthorn-Mellody Farms Dairy of Wis., Whitewater
Wis.

Wis.

Klarberg & Co., 89-31 161st St., Jamaica, L. I. 2, N. 7

Kraft Foods Co., 500 Peshtigo Ct., Chicago, Ill.

Ladysmith Creamery Co., Ladysmith, Wis.

Land O'Lakes Creameries, Inc., 2215 Kennedy St., N.E.,

Minneapolis 13, Minn.

North Star Dairy, 625 New York Bldg., St. Paul 1, Minn.

Pet Milk Sales Corp. 1401 Arcade Bldg., St. Louis, Mo.

Page-Bulger Dairy Sales, Inc., 912 University Bldg., Syracuse 2, N. Y.

Page-Buiger Dairy cuse 2, N. Y. Roberts Dairy Co., Omaha 1, Nebr. Sand Creek, Wis. Sand Creek, Wis. Simmons Dairy Products, Ltd., 2477 Madison Rd., Cincin-

Sand Creek Creamery Co., Sand Creek, Wis.
Simmons Dairy Products, Ltd., 2477 Madison Rd., Cincinnati 8, Ohio
Swift & Co., U. S. Yards, Chicago 9, Ill.
Twin City Milk Producers Assn., Marshall, Mo.
WESTERN CONDENSING CO., 340 W. College Ave., Apple-

MOLASSES

American Sugar Refining Co., 120 Wall Street, New York H. Baron & Co., Inc., 1130 Elizabeth Ave. W., Linden, N. J. Listings continued You'll make the Best line with BEST FOODS You can have the best line in chewy confections-kisses, taffees, nougats and others-when you use Best Foods oils in your candy production. Best Foods oils will help you produce better confections efficiently and economically - as leading manufacturers everywhere will testify. And, Best Foods will always be best for you in terms of service and reliability as well as quality. NUCOLINE -76° FILBISK - hydrogenated coconut oil, 92°-110° S-70-XX Hard Butter - exclusive, patented and uniform in quality; controlled low-melt fractions. Available in desired melting points. THE

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NEW YORK & CHICAGO & DALLAS & SAN FRANCISCO

YOU DO BETTER WITH BEST FOODS

BEST FOODS INC.

Molasses (con't)

Boston Molasses Co., 320 E. 1st St., So. Boston 27, Mass. Colonial Molasses Co., 120 Wall St., New York 5, N. Y. P. Duff & Sons, Inc., 820 Grant Bidg., Pittsburgh, Pa. Morris Fuchs & Co., 99 Wall St., New York 5, N. Y. Holloway Corp., 57-02 48th St., Maspeth 78, L. L., N. Y. Imperial Sugar Co., Shopping Center, Sugar Land, Texas (blackstrap)
Isrin-Oliver Company, 169 Spring St., New York, N. Y. (Dry powder) (blackstrap)
Isrin-Oliver Company, 169 Spring St., New York, N. Y.
(Dry powder)
Liquid Sugars, Inc., 1740 W. Michigan St., Indianapolis, Ind.
THE NULOMOLINE DIV., AMERICAN MOLASSES Co.,
120 Wall St., New York 5, N. Y.
McCahan Sugar Refinery, 101 Front St., Philadelphia, Pa.
Refined Syrups & Sugars, Inc., Tonkers 1, N. Y.
J. Stromeyer Co., 431 N. 38 St., Philadelphia, Pa.
Maxwell Tausek & Co., Inc., 120 Wall St., New York 5, N. Y.

NIACIN (Nicotinic Acid)

Abbott Laboratories. North Chicago, Ill.
Armour & Co., U. S. Yard, Chicago 9, Ill.
MERCK & CO., Rahway, N. J.
Mallinckrodt Chemical Works, 3600 N. Second St., St.
Louis 7, Mo.
New York Quinine & Chemical Works, 50 Church St.,
New York 8, N. Y.
CHAS. PFIZER & CO., INC., 430 Flushing Ave., Brecklyn
6, N. Y.
STERWIN CHEMICALS, INC., 1450 Brendway, New York
18, N. Y.
U. S. Industrial Chemicals Co., 99 Park Ave., New York
16, N. Y.

NONPAREIL SEEDS

Henry Heide, Inc., 313 Hudson St., New York 13, N. Y. Crescent Mfg. Co., 657 Dearborn St., Seattle 4, Wash. Dalton-Cooper, Inc., 200 W. 34th St., New York 1, N. Y. Ozone Confectioners & Bakers Supply Co., Inc., 55 Bank St., East Patterson, N. J. Chas. P. Wagner & Bro., 322 Tchoupitoulas St., New Orleans 6, La.

NOUGAT CREME

Burke Products Co., Inc., 317 W. Hubbard, Chicago 10, Ill. Charles Dennery, Inc., 524 Magazine St., New Orleans 1, La. Crandall Pettee Co., Inc., 255 Freeman St., Brooklyn 22. N. Y. N. Y.
Eng.-Skell Co., 1035 Howard St., San Francisco 3, Calif.
Oringer Mfg. Co., 164 State St., Boston 9, Mass.
SENNEFF-HERR CO., 208-4th Ave., Sterling, Ill.
J. W. Shaner & Co., 105 Debevoise St., Brooklyn 6, N. Y.
Star Kay White, Inc., 1161 E. 156th St., New York 59, N. Y.
White Stokes Co., 3615 Jasper Place. Chicago 9, Ill.
WOOD & SELICK COCONUT CO., INC., 19 Rector St., New
York 6, N. Y.

OIL: MINERAL

Sherwood Refining Co., 1 W. Forest Ave., Englewood, N. J. L. Sonneborn Sons, Inc., 260 Fourth Ave., New York 10, N. Y.

OIL: Oleomargarine

Armour & Co., Union Stock Yards, Chicago 9, Ill.
THE BEST FOODS, INC., I E. 43rd St., New York 17, N. Y.
The Cudahy Packing Co., 2800 Chelsea Ave., Memphis 8, THE BEST F TOTAL THE BEST F TOTAL TO THE CURL THE CURL THE COLOR TOTAL THE COLOR THE C

OILS: Vegetable

American Oil & Supply Co., 238 Wilson Ave., Newark o., N. Y.
Armour & Company, Union Stock Yards, Chicago 3, Ill.
THE BEST FOODS. INC., 1 E. 43rd 5t., New York 17, N. Y.
Capital City Products Co., 1st Ave. & Perry St., Columbus
8, Ohlo
CLINTON CORN PROCESSING COMPANY, Clinton, Iowa.
CORN PRODUCTS SALES CO., 17 Battery Pines, New
York 4, N. Y.
Cudahy Packing Co., Box 6787, Memphis 8, Tenn.
Dothan Oil Mill Co., Box 458, Dothan, Ala.
E. F. Drew & Co., 15 E. 26th St., New York 75, N. Y.
DURKEE FAMOUS FOODS, 909 Union Commerce Bidg.,
Cleveland 14, O.
A. Gluriani & Pro. 537 Front St., San Francisco 26, Calif.
4aug & Co., 99 Wall St., New York 5, N. Y.
The Humko Co., Box 4607, Memphis 7, Tenn.
Proctor & Gamble Distributing Co., Cincinnati, Ohio.
C. F. Simonin's Sons, Inc., E. Tioga & Belgrade St., Philadelphia 34, Pa.

American Oil & Supply Co., 238 Wilson Ave., Newark 5,

delphia 34, Pa.

A. E. STALEY MFG. Co., 2200 E. Eldorado, Decatur, Ill. Swift & Co., U. S. Yards, Chicago 9, Ill.

Spencer Kellogg & Sons, Inc., 98 Delaware Ave., Buffalo, New York
Welch, Holme & Clark Co., Inc., 439 West St., New York
14, N. Y.
Wesson Oli Co., 4421 W. 31st St., Chicago 23, Ill.
Wilson Company, Union Stock Yords, Chicago 9, Ill.

PASTE: Almond

Wm. A. Camp Co., Inc., 100 Hudson St., New York 13, N. Y. Henry Helde, Inc., 313 Hudson St., New York 13, N. Y. H. A. Johnson Co., 155 No. Beacon St., Boston 35, Mass. Lyons-Magnus, Inc., 2545 16th St., San Francisco 3, Calif. National Almond Products Co., Box 474, Carnegie, Pa. Spencer Importing Co., 33 Willow Gate, Roslyn Heights,

WOOD & SELICK COCONUT CO., INC., 19 Rector St., New York 6, N. Y.

PASTE: Caramel

Burke Products Co., 317 W. Hubbard St., Chicago, Ill. Charles Dennery, Inc., 524 Magazine St., New Orleans 7, La. Henry H. Ottens Mfg. Co., 129 Front St., Philadelphia 6, Pa. 6, Pa.
SENNEFF-HERR CO., Sterling, III.
Star Kay White, Inc., 1161 E. 156th St., New York 59, N. Y.
White Stokes Co., in .. 3615 harner Pl., Chicago 9, ill
WOOD & SELICK COCONUT CO., INC., 19 Rector St., New
York 6, N. Y.

PASTE: Fruit

Max Ams Company, 601 E. General Robinson St., Pitts-burgh 12, Pa. burgh 12, Pa. Superior Fruit Processing Co., Inc., 16 Osgood Ave., Staten Island 4, L. I., N. Y.

PEANUT BUTTER

American Almond Products Co., 103 Walworth, Brooklya 6, N. Y.
Old Reliable Peanut Co., Inc., Suffolk, Va.
Planters Nut & Chocolate Co., Suffolk, Va.
H. A. Robinson Co., Inc., 722 Commerce St., Lynchburg, Va.
Swift & Company, Union Stock Yards, Chicago 3, Ill.
Virginia & Spanish Peanut Co., 260 Dexter St., Providence
7. Rhode Isl. WOOD & SELICK COCONUT CO., INC., 19 Rector St., New York 6, N. Y.

PEANUT MEAL

Cantelou Bros., Montgomery, Ala. (Brokers) Cleburne Peanut & Products Co., Cleburne, Tex. Planters Nut & Chocolate Co., Suffolk, Va.

PEANUTS

Alabama Gin & Peanut Co., Samson, Alabama.
Albamy Peanut Co., Albany, Ga.
Albamy Peanut Co., Edenton, N. C.
American Almond Products Co., Inc., 103 Walworth St.,
Brooklyn 5, N. Y.
American Peanut Co., Suffolk, Va.
American Peanut Co., Suffolk, Va.
Anderson-Pendner Peanut Co., Greenwood, Fla.
Arlington Peanut Co., Arlington, Ga.
Bain Peanut Co., Albany, Ga.
Bertie Peanut Co., Albany, Ga.
Bertie Peanut Co., Roxobel, N. C.
California Peanut Co., 630 20th St., Oakland, Calif.
Columbian Peanut Co., 845 Wainwright Bidg., Norfolk, Va.
Dayton Nut Products Co., Dayton, Ohio.
De Leon Peanut Co., Williamston, N. C.
Donaldsville Grain & Elevator Co., Donaldsonville, Ga.
Dothan Oli Mill Co., Dothan, Ala.
Farmers Product Co., Inc., Thomasville, Ga.
Georgia Peanut Co., Goultrie, Ga.
Georgia Peanut Co., Graceville, Fla. (Shelling Plant)
Hines Peanut Co., Graceville, Fla. (Shelling Plant)
Hines Peanut Co., Box 4142, Houston, Texas
Hom-Tex Peanut Co., Columbus, Ga.
Alonzo E. Johnson Oli Co., Brundige, Ala.
Jewett & Sherman Co., 16 W. Florida St., Milwaukee 1,
Wis.
Kelling Nut Co., 2800 W. Belmont, Chicago 18, Ill. Kelling Nut Co., 2800 W. Belmont, Chicago 18, Ill. Lummis & Co., 148 N. Delaware Avenue, Philadelphia 6, Ps. National Almond Products Co., Inc., Box 474, Carnegie, Pa. Old Dominion Penatt Corp., Norfolk, Va.
Old Reliable Peanut Co., Inc., Suffolk, Va.
Old Reliable Peanut Co., Inc., Suffolk, Va.
Orangeburg Pecan Co., P. O. Box 38, Orangeburg, S. C.
Parker Peanut Co., Suffolk, Va.
Planters Nut & Chocolate Co., Suffolk, Va.
Pond Bros. Peanut Co., Inc., Suffolk, Va.

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Listings continued

Your candy has better appearance... faster sales with the finest pecans...

...Fleischmann's Fancy Pecans

Pecans accent the full, rich taste of your candy products. But you need pecans that stay fresh longer to give your candies longer shelf-life... assure taste satisfaction whenever they are purchased. And when it comes to fine, fresh pecans...

Here's why more and more manufacturing confectioners are choosing Fleischmann's Fancy Pecans: Fleischmann's Fancy Pecans are brightcolored, full-meated, and firm. You can be sure they will be uniform in size, whichever grade you select. Our expert buyers choose only the "pick" of the pecan crop. These "seedling" pecans have a higher oil content for longlasting flavor. And they stay fresh longer because they're fresher when you get them. Remember! Your candies will taste even better... and sell faster... when you use the finest pecans—Fleischmann's Fancy Pecans. Call your Fleischmann man today. He'll help you select the grades you need.

Ask your Fleischmann man about: Frozen Egg Whites, Coffee for Flavoring, and other products.

Fleischmann's Jancy Pecans

STANDARD BRANDS INCORPORATED

for July 1958 - 95

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eanuts (con't)
Pretlow Peanut Co., Franklin, Va.
Producers Peanut Co., Suffolk, Va.
H. A. Robinson Co., Inc., 722 Commerce St., Lynchburg, Va.
H. A. Robinson Pecan Growers, Elizabeth City, N. C.
Severn Peanut Co., Severn, N. C.
Severn Peanut Co., Dublin, N. C.
The Suffolk Peanut Co., Suffolk, Va.
Sunset Sternau Food Co., 520 Folsom Avenue, San Francisco, Cal.
Troy Peanut Co., Troy, Ala.
Virginia & Spanish Peanut Co., 260 Dexter St., Providence 7, R. I.
Virline Peanut Company, Suffolk, Va.
Alex Woldert Co., Tyler Texas Peanuts (con't)

PECANS

Bass Pecan Co., Lumberton, Miss.
H. J. Bergeron Pecan Shelling Plant, New Roads, La.
Wm. A. Camp Co., Inc., 100 Hudson St., New York 13, N. Y.
Carter Pecan Co., Box 21, Waco, Texas
Consolidated Pecan Sales Co., Albany, Ga.
Deluxe Snelled Nut Co., 1073 W. Harrison St., Chicago Dixie Paper Shell Pecan Exchange, Inc., Barnesville, Ga. T. M. Duche & Sons, Inc., 117 Hudson St., New York 14, N. Y.

FLEISCHMANN'S FANCY PECANS, Standard Brands Inc.,
625 Madison Ave., New York 22, N. Y.

J. H. Fleming & Co., Inc., Weatherford, Texas
R. E. Funsten Co., 1515 Delmar Blvd., St. Louis 3, Mo.
Wm. A. Higgins & Co., inc., 100 Hudson St., New York
13, N. Y.

Hidreth Pecan Co., Brundige, Ala.
Kelling Nut Co., 2500 Belmont, Chicago 18, Ill.
Miller's Pecan Nut Cracter, Baconton, Ga.
Missourl Pecan Shelling Co., St. Louis, Mo.
Monticello Pecan Co., Tallahassee, Florida.
Natchez Pecan Shelling Co., Natchez, Miss.
Orangeburg Pecan Co., Orangeburg, S. C.
Pelican Pecan & Food Products Co., St. Martinville, La.
Princess Pecans, Inc., Camilla, Ga.
Ramsey Pecan Co., Brownwood, Texas.
S. & W Fine Foods. Inc., 155 Berry St., San Francisco 19,
Calif. Schuster Importing Co., Inc., 323 Greenwich St., New York 32, N. Y. 52. N. Y.
Southern Pecan Co., Inc., 516 Magazine St., New Orleans,
La.
Southland Pecans, Inc., Waycross, Ga.
Sunshine Pecan Co., P. O. Box 4004, Sta. A., San Antonio,
Tex. Tex. H. M. Thames Pecan Co., P. O. Box 1066, Mobile 6, Ala. Virginis & Spanish Peanut Co., 260 Dexter St., Providence 7, R. I. virginis & Spanish Peanut Co., 260 Dexter St., Providence 7, R. I.
Chas. P. Wagner & Bro., 322 Tchopuitoulas St., New Orleans 5, La.
Alex. Wolder, Tyler, Texas.
WOOD & SELIOK COCONUT CO., INC., 18 Rector St.,
New York 6, N. Y.

PECTIN

T. H. Angermeier & Co., 245 Seventh Ave., New York 1. N. Y. Basic Industries, 919 N. Michigan Ave., Chicago 11, Ill. The Colyer Company, 350 Lexington Ave., New York 16, General Food Sales Company, 250 Park Avenue, New York, N. Y. Mutual Citrus Products Co., Anaheim, Cal. National Food Product Co., Inc., Winchester, Va. National Pectin Products Co., 2656 W. Cullerton Ave., Chi-cago, Ill. cago, Ill.

8. B. Penick & Co., 50 Church St., New York 7, N. Y.

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PEELS: Candied

Braun Importing Co., Inc., 161 Hudson St., New York 13, N. Y. Wm. A. Camp Co., Inc., 100 Hudson St., New York 13, N. Y. Cincinnati Fruit & Extract Works, 422 W. 4th St., Cincinnati 3, Ohio.
R. U. Delapenha & Co., Inc., 57 Laight St., New York, N. Y. N. Y.
The Dromedary Co., 110 Washington St., New York 6, N. Y.
T. M. Duche & Sons, Inc., 117 Hudson St., New York 13,
N. Y.
Wm. A. Higgins & Co., Inc., 100 Hudson St., New York
13, N. Y.
Lesborn Trading Co., 21 West St., New York N. Leghorn Trading Co., 21 West St., New York, N. Y. Liberty Cherry & Fruit Co., Inc., Covington, Ky. Lyons-Magnus, Inc., 2545 1eth St., San Francisco 3, Calif. C. M. Pitt & Sons Co., 8323 Pulaski Highway, Baltimore 6, Md. 6, Md.
Christo Poulos & Co., Inc., 75 Front St., Brooklyn 6, N. Y.
Richardson Corp., P.O. Box 790, Rochester 3, N. Y.
S & W Fine Foods, Inc., 155 Berry St., San Francisco 19,
Calif.
The Standard Fruit Product Co., 210 Main St., Cincinnati
2, Ohio
Superior Fruit Processing Co., Inc., 240 Center St., Staten
Island 6, N. Y.
The Tsivoglou Co., 121 State St., Boston, Mass.
WOOD & SELICH COCONUT CO., INC., 19 Rector St.,
New York 6, N. Y.

PIGNOLIAS

American Pistachio Corp., 111 Reade St., New York 11 Wm. A. Camp Co., Inc., 100 Hudson St., New York 13, N. Y. T. M. Duche & Sons, Inc., 117 Hudson St., New York 16, N. Y. N. Y. A. Glurlani & Bro., 527 Front St., San Francisco 26, Calif. Wm. A. Higgins & Co., 100 Hudson St., New York 12, N. Y. Schuster Importing Co., Inc., 250 W. 57th St., New York 19, N. Y. Zaloom, Joseph A. & Co., 8 Jay St., New York 18, N.

PINEAPPLE

Atkins, Kroil & Co., 417 Montgomery St., San Francisco & Calif.
Blanke-Baer Extract & Pres. Co., 3224 So. Kingshighway, St. Louis, Mo. (cubes)
California Packing Corp., 120 Market St., San Francisco, Calif. Catz American Co., Inc., 99 Hudson St., New York 18, N. V. Cincinnati Fruit & Extract Co., 422 W. 4th St., Cincin-Cincinnati Fruit & Extract Co., 422 W. 4th St., Cincinnati 2. O.
Crandall Pettee Co., Inc., 84th St. at Cooper Ave., Brooklyn 27, N. Y.,
Charles Dennery, Inc., 516 Magazine, New Orleans 1, La.
The Dromedary Co., 110 Washington St., New York 6, N. Y.
T. M. Duche & Sons, Inc., 117 Hudson St., New York 15,
N. Y.
Eng-Skell Company, 1035 Howard St., San Francisco 1
Calif. Calif Calif.
Hawaiian Pineapple Company, Ltd., 215 Market St., San
Francisco. Calif.
Libby, McNeill & Libby, U. S. Stock Yards, Chicago 9, Ill.
Lyons-Magnus. Inc., 2545 16th St., San Francisco 3, Calif.
C. M. Pitt & Sons Co., 8323 Pulaski Highway, Baltimore
6, Md. 6, Md. Christo Poulos & Co., Inc., 75 Front St., Brooklyn 6, N. Y. S & W Fine Foods. Inc., 155 Berry St., San Francisco 19, Calif. Louis Segal & Co., 310 E. Thompson St., Philadelphia SUN-RIPE COCONUT CORP., 79 Wall St., New York S, N.Y. Superior Fruit Processing Co., Inc., 240 Center St., Staten Island 6, N. Y.

PINON NUT

Becker-Dalies Co., Belen, New Mexico Wm. A. Camp Co., Inc., 100 Hudson St., New York 12, N. Y. H. A. Johnson Co., 155 No., Beacon St., Boston 35, Mass. Jos A. Zalcom & Co., 8 Jay St., New York 13, N. Y.

PISTACHIO

American Pistachio Corp., 111 Reade St., New York 18, N. Y. Braun Importing Co., 161 Hudson St., New York 13, N. Y. Wm. A. Camp Co., Inc., 100 Hudson St., New York 13, N. Y. T. M. Duche & Sons, Inc., 117 Hudson St., New York 13, N. Y. Embro Popcorn Co., 1020 S. 4th St., St. Louis 4, Mo. John N. Germack, 1346 E. Vernon Highway, Detroit, Mich. H. A. Johnson Co., 155 No. Beacon St., Boston 35, Mass. National Almond Products Co., Inc., 129 Patchen Ave., Brooklyn 21, N. Y. Red Line Commercial Co., Inc., 280 Broadway, New York 8, N. Y. Firginia & Spanish Peanut Co., 260 Dexter St., Providence 7, R. I. fos A. Zaloom & Co., 8 Jay St., New York 13, N. Y.

POPCORN

American Popcorn Co., Sioux City, Iowe...
Armstrong Popcorn Co., Lake View, Iowa.
Blevins Popcorn Co., 2098 Charlotte Ave., Nashville, Tenn.
Berry Seed Co., Clarinda, Iowa.
Central Popcorn Co., Schaller, Iowa.
The Albert Dickinson Co., 2756 W. 35th St., Chicago 32, Ill.
Lummis & Co., Inc., 148 N. Delaware Ave., Philadelphia.
Pa.
Embro Popcorn Co., 1020 S. 4th St., St. Louis, Mo.
Manley, Inc., 1920 Wyandotte St., Kansas City 8, Mo.
Northwest Popcorn Co., 1020 S. 4th St., St. Louis, Mo.
Premier Popcorn Co., Watseka, Ill.
Robinson Popcorn Co., 3682 Latimore Rd., Cleveland 22,
Ohio.

Robinson Popcorn Co., sees an armonic Robinson Popcorn Co., 632 President St., Baltimore 2, Md. Thomas J. Shields Co., 44 Cliff St., New York 38, N. Y. Weaver Popcorn Co., Huntington, Ind. Western Popcorn Co., State St., Atlantic, Iowa. G. D. Wright & Son., 2851 Derbyshire Rd., Andrews, Ind. Wyandot Popcorn Co., Box 65, Marion, Ohio Yoder Popcorn Co., Topeka, Ind.

POTASSIUM CARBONATE

Mallinckrodt Chemical Works, 2nd & Mallinckrodt Ave. St. Louis 7, Mo. Merck & Co., Inc., Rahway, N. J. N. Y. Quinine & Chemical Works, 50 Church St., New York N. Y. Quining & Chemical & Dye Corp. 8, N. Y. Solvay Process Division—Allied Chemical & Dye Corp. 61 Broadway, New York 5, N. Y.

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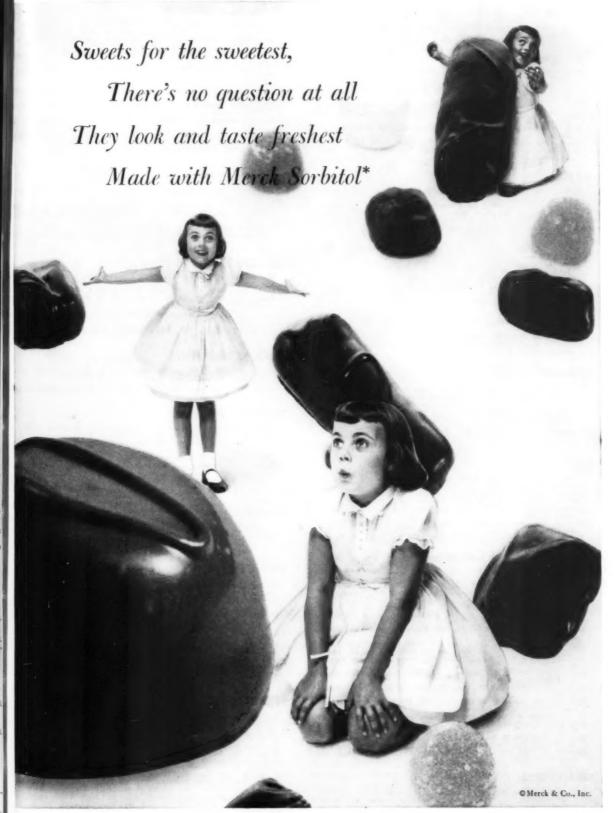
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PRUNES

Max Ams Company, 601 E. General Robinson St., Pitts-burgh 12, Pa. Atkins, Kroll & Co., 417 Montgomery St., San Francisco 4, Calif. California Fruit Concentrate Co., P.O. Box 1987, Fresno, California Packing Corp., 120 Market St., San Francisco, Calif. Calff. Wm. A. Camp Co., Inc., 100 Hudson St., New York 13, N. Y. Wm. A. Higgins & Co., Inc., 100 Hudson St., New York 13, N. Y. N. Y. Christo Poulos & Co., Inc., 75 Front St., Brooklyn 6, N. Y. Rosenberg Bros. & Company, 230 California St., San Francisco, Calif.

S & W Fine Foods, Inc., 155 Berry St., San Francisco 19, Calif.

Iruno Scheidt, Inc., 16 Hudson St., New York 18, N. Y. Superior Fruit Processing Co., Inc., 240 Center St., Staten Island 6, N. Y.

RAISINS

Atkins, Kroil & Co., 417 Montgomery St., San Francisco 4, Calif.
Blanke-Baer Extract & Preserving Co., 3224 S. Kingshighway, St. Louis 3, Mo.
Wm. A. Camp Co. Inc., 100 Hudson St., New York 13, N. Y.
Consolidated Packing Company, 150 California St., San
Francisco, Calif.
Del Rey Packing Company, Del Rey, Calif.
El Mar Packing Company, Del Rey, Calif.
El Mar Packing Company, Del Rey, Calif.
Wm. A. Higgins & Co., 100 Hudson St., New York 13, Lion Packing Company, Fresno, Calif.
Liberty Dried Fruit Packing Company, Modesto, Calif.
Christo Poulos & Co., 75 Front St., Brooklyn 1, N. Y.
S & W Fine Foods, Inc., 155 Berry St., San Francisco 19,
Calif.
Sun-Maid Raisin Growers Assn., Fresno 23, Calif.
Turlock Dehydrating & Packing Company, Inc., Turlock,
Calif. Calif Virginia & Spanish Peanut Co., Providence 7, R. I. Superior Fruit Processing Co., Inc., 16 Osgood Ave., Staten Island 4, N. Y.

RELEASING AGENT

Caravan Products Co., Inc., 35 Eighth St., Passaic, N. J. W. A. CLEARY CORP., New Brunswick, N. J. Comet Rice Co., 716 Gulf States Big., Dallas, Texas. Stuart Hale Company, 2529 N. Pulaski Rd., Chicago, Ill. Mallet & Co., Inc., 601 E. General Robinson St., Pittsburgh . Pa Widmayer & Jungling, Inc., 150 Chembers St., New York 7, N. Y.

SALT

Colonial Salt Co., St. Clair, Mich.
Diamond Crystal Salt Co., Inc., St. Clair, Mich.
International Salt Co., Scranton, Pa.
Morton Salt Co., 120 S. La Salle St., Chicago, Ill.
Pennsylvania Salt Mfg. Co., 261 Widener Bidg., Philadelphia 7, Pa.
Solvay Process Division—Allied Chemical & Dye Corp.,
61 Broadway, New York 6, N. Y.
Worcester Salt Co., 40 Worth St., New York 13, N. Y.

SEEDS: Poppy and Caraway

Archibald & Kendall, Inc., 481 Washington St., New York Archibaid & Rendall, 1883, 1884, 13, N. Y.

13, N. Y.

John Clarke & Co., Inc., 125 Front St., New York 5, N. Y.

Crescent Mfg. Co., 657 Dearborn St., Seattle 4, Wash.

Dalton-Cooper, Inc., 200 W. 34th St., New York 1, N. Y.

Dodwell & Co. Ltd., 79 Wall St., New York 5, N. Y.

T. J. Duche & Sons, Inc., 117 Hudson St., New York 13,

N. Y. (Sesame)

DURKEE FAMOUS FOODS, 900 Union Commerce Bldg., Cleveland, O. Griffith Laboratories Inc., 1415 W. 37th St., Chicago 9, Ill. H. A. Johnson Co., 155 No. Beacon St., Boston 35, Mass. J. Klarberg & Co., 89-31 161st St., Jamaica, Long Island S. N. Y.

Knickerbocker Mills Company, 601 W. 26th St., New York

I. N. Y.

McCormick & Company, Inc., McCormick Bldg., Baltimore

2. Md.

McLaughlin Gormley King Co., 1715 Fifth St. S. E., Minneapolis 14, Minn. (spices)

S. B. Penick & Co., 50 Church St., New York 7, N. Y.

Red Line Commercial Co., Inc., 280 Broadway, New York

8, N. Y.

Wm. G. Scarlett & Co., 632 President St., Baltimore 2, Md.

O. J. Weeks Co., Inc., 44 N. Moore St., New York 13, N. Y.

WOOD & SELICK COCONUT CO., INC., 18 Rector St.,

New York 6, N. Y.

Archibald & Kendall, Inc., 8 Beach St., New York 13, N. Y. H. A. Johnson Co., 155 No. Beacon St., Boston 25, Mass. Knickerbocker Mills, Inc., 601 W. 26th St., New York 1, N. Y. Cormick & Company, Inc., McCormick Bldg., Baltimore 3, Md. 3, Md. S. B. Penick & Co., 50 Church St., New York 7, N. Y. Wm. G. Scarlett & Co., 632 President St., Baltimore 2, Md.

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National Almond Products Co., P. O. Box 424, Carnegte, Pa.
National Wax Co., 1300 W. Division St., Chicago 22, III.
(Beeswax)
Henry H. Ottens Mfg. Co., 129 Front St., Philadelphia
6, Pa. Sherwood Refining Company, Inc., 1 W. Forest Ave., Englewood, N. J. L. Sonneborn Sons, Inc., 300 Fourth Ave., New York 18 N. Y. N. Y. Standard Oil Co. of New Jersey, 30 Rockefeller Plaza New York 20, N. Y. (Mineral) Swift & Co., 4115 Packers Ave., Chicago 9, Ill.

SODIUM ACETATE

American Oil & Supply Co., 238 Wilson Ave., Newark & N. J.
E. I. duPont de Nemours & Co., Inc., Wilmington 98, Del.
Mallinckrodt Chemical Works, 3600 N. 2nd St., St. Louis, 7, Mo. MERCK & CO., INC., Rahway, N. J. Monsanto Chemical Co., 1700 S. Second St., St. Louis 4, Mo.

SODIUM BENZOATE

W. J. BUSH & CO., INC., 137 Boston Post Rd., Cos Cob, Com. Haug & Co., 99 Wall St., New York 5, N. Y. Mallinckrodt Chemical Works, 2nd & Mallinckrodt Ave. St. Louis 7, Mo. N. Y. Quinine & Chemical Works, 50 Church St., New York N. CHAS. PFIZER & CO., 630 Flushing Ave., Brooklyn 6, N. Y.

SODIUM BISULPHITE

Mallinckrodt Chemical Works, 2nd & Mallinckrodt Ave., St. Louis 7, Mo.
Monsanto Chemical Co., 1700 S. Second St., St. Louis 4, Mo.

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American Oil & Supply Co., 238 Wilson, Newark 5, N. J. Haug & Co., 99 Wall St., New York 5, N. Y. Mallinckrodt Chemical Works, 3600 N. 2nd St., St. Louis, 7, Mo.
MERCK & CO., INC., Rahway, N. J.
New York Quinine & Chemical Works, 50 Church St., New
York 8, N. Y.

CHAS. PFIZER & CO., INC., 630 Flushing Ave., Brocklyn

SORBITOL

Atlas Powder Co., Wilmington 99, Del. MER(K & CO., Rahway, N. J.

SOYA PRODUCTS: (See Also Albumen, Soy)

Archer-Daniels-Midland Co., 600 Roanoke Bld., Minne-apolis 2, Minn. Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif. Calif.
DURKEE FAMOUS FOODS, 900 Union Commerce Bidg.
Cleveland, Ohio
GUNTHER PRODUCTS, INC., 600 E. Main St., Galesburg,
Ill. A. E. STALEY MFG. CO., Box 151, Decatur 60, Ill.
Swift & Co., 415 Packers Ave., Chicago 9, Ill.
Whitson Products, Division of The Borden Co., 350 Madison
Ave., New York 17. N. Y.

STABILIZER

Avenex Corp., 256 W. 57th St., New York 19, N. Y. Basic Industries, Inc., 919 Michigan Ave., Chicago 11, Ill. W. A. Cleary Corp., New Brunswick, N. J. T. M. Duche & Sons Inc., 117 Hudson St., New York 13, N. Y. Thomas W. Dunn Co., Inc., 340 Pearl St., New York 38, N. Y. Extrax Co., 360 Furman St., Brooklyn 2, N. Y. Heyden Chemical Corp., 393 Seventh Ave., New York 1, N. Y. E. R. Moliner Co., 2405 Forney St., Los Angeles 31, Calif. NATIONAL FOOD PRODUCTS, 26 E. Huron St., Chicage 11, Ill.

11, Ill.
Paisley Products, Inc., 630 W. 51st St., New York 19, N. Y.
S. B. Penick & Co., 50 Church St., New York 8, N. Y.
Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N.Y.
O. J. Weeks Co. Inc., 44 No. Moore St., N. Y. 13, N. Y.
(Irish Moss)

Witco Chemical Co., 295 Madison Ave., New York 17, N. Y. Jacques Wolf & Co., P. O. Box 839, Passaic, N. J.

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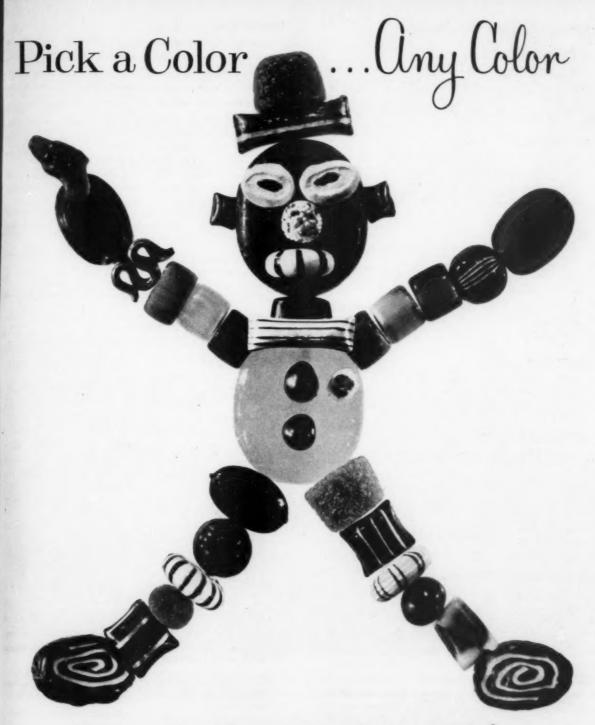
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STARCH: Corn see Corn Storch

STARCH: Potato

Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif. Callf.
Morris Fuchs & Co., 99 Wall St., New York 5, N. Y.
Morningstar Nicol Inc., 639 W. 51st St., New York, N. Y.
L. A. Salomon & Bro., 216 Pearl St., New York 7, N. Y.
D. Scrivanich & Co., 1343 Arch St., Philadelphia 7, Pa.
Stoin, Hall & Co., Inc., 235 Madison Ave., New York
17. N. Y.

STARCH: Sago

Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif.

John Clarke & Co., Inc., 135 Front St., New York 5, N. Y. Morris Fuchs & Co., 99 Wall St., New York 5, N. Y. Paisley Froducts, Inc., 630 W. 51st St., New York 19, N. Y. D. Scrivanich & Co., 1343 Arch St., Philadelphia 7, Pa. Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.

STARCH: Taploca

Archibald & Kendall, Inc., 8 Beach St., New York 13, N. Y. Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif.

John Clarke & Co., Inc., 135 Front St., New York 5, N. Y. B. W. Dyer & Co., 120 Wall St., New York 5, N. Y. Morris Fuchs & Co., 520 Wall St., New York 5, N. Y. National Starch Products, Inc., 750 Third Ave., New York 17, N. Y. Paisley Products, Inc., \$30 W. 51st St., New York 19, N. Y. George Segal Co., 50 E. 42nd St., New York 17, N. Y. D. Scrivanich & Co., 1343 Arch St., Philadelphia 7, Pa. Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, New York

STARCH: Wheat

General Mills, Inc., Special Commodities Div., 400 2nd Ave., S., Minneapolis 1, Minn. Keever Starch Co., 538 E. Town St., Columbus 15, O. Paisley Products, Inc., 630 W. 51st St., New York 19, N. Y. Stein Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.

STEARINE: Animal Oil

Armour & Co., Union Stock Yards, Chicago 9, Ill. Clarence Morgan & Co., 919 N. Michigan Ave., Chicago, Ill. Cudahy Packing Co., 2800 Chelsea Ave., Memphis 8, Tenn.

DURKEE FAMOUS FOODS, 900 Union Commerce Bidg.,
Cleveland, Ohio

Thomas J. Shields Co., 44 Cliff St., New York 38, N. Y.

C. F. Simonim's Sons, Inc., E. Tioga & Belgrade St., Philadelphia 34, Pa. Strahl & Pitsch, 141 Front St., New York, N. Y. Swift & Co., U. S. Yards, Chicago 9, Ill. Welch, Holme & Clark Co., Inc., 439 West St., New York 14, N. Y.

STEARINES (from Vegetable Stocks)

Best Foods, Inc., 1 E. 43rd St., New York 17, N. Y. Capital City Products Co., 525 W. 1st Ave., Columbus 16, Ohio Cudahy Packing Co., 2800 Chelsea Ave., Memphis 3, Tenn. E. F. Drew & Co., Inc., 15 E. 26th St., New York 10, N. Y. DURKEE FAMOUS FOODS, Division of The Glidden Company, 1396 Union Commerce Bidg., Cleveland 14, O. Henry H. Ottens Mfg. Co., 129 Front St., Philadelphia 6, Pa.
Swift & Co., 4115 Packers Ave., Chicago 9, Ill.

SUGAR: Beet

American Crystal Sugar Co., Boston Bidg., Denver, Colo. Central Sugar Co., Inc., Ft. Wayne, Ind.

B. W. Dyer & Co., 120 Wall St., New York 5, N. Y.
Great Lakes Sugar Co., 25 W. Adams St., Detroit 26, Mich.
The Great Western Sugar Co., 18th & Wazee, Denver, Colo.
Holly Sugar Corp., Colorado Springs, Colo.
Isabella Sugar Co., Alma, Mich.
Geo. E. Keiser & Ca., Inc., 120 Wall St., New York 5, N. Y.
Lake Shore Sugar Co., 28 W. Adams St., Detroit 26, Mich.
Lamborn & Co., 99 Wall St., New York 5, N. Y.
Layton Sugar Co., Layton, Utah.
Menominee Sugar Co., Green Bay, Wis.
Michigan Sugar Co., Green Bay, Wis.
Michigan Sugar Co., Saginaw, Mich.
Monitor Sugar, Division of Robert Gage Coal Co., Bay
City, Mich.
National Sugar Mfg. Co., Sugar City, Colo.
Northeastern Sugar Co., 2 Pine St., San Francisco 11, Calif.
Southwestern Sugar Co., Mt. Clemens, Mich.
Toledo Sugar Co., Saginaw, Mich.
Union Sugar Division, Consolidated Foods Corp., 220 California St., San Francisco, Calif.
Utah-Idaho Sugar Co., Beneficial Life Bidg., Salt Lake
City, Utah

SUGAR: Come

American Sugar Refining Co., 120 Wall St., New York 5, N. Y.
California & Hawaiian Sugar Refining Co., 215 Market St.
San Francisco, Calif.
Franklin Sugar Refining Co., Public Ledger Bldg., Philadelphia 5, Pa.
Godchaux Sugars, Inc., Carondelet Bldg., New Orleans
13, I.A. Henderson Sugar Refinery, 749 S. Peters St., New Orleans, Imperial Sugar Co., Sugar Land, Tex. Liquid Sugars, Inc., 1740 W. Michigan St., Indianapolis, Ind. McCahan Sugar Refinery, 101 S. Front St., Philadelphia McCahan Sugar Refinery, 101 S. Front St., Philadelphia 6, Pa.
6, Pa.
National Sugar Refining Co., 100 Wall St., New York
5, N. Y.
THE NULOMOLINE DIV., AMERICAN MOLASSES Co.,
130 Wall St., New York 5, N. Y.
Pennsylvania Sugar Co., 139 S. Third St., Philadelphia
26, Pa.
REFINED SYRUPS & SUGARS, INC., MC Dept., Yonkers
1, N. Y.

Revere Sugar Refining Co., 15 Broad St., Boston, Mass. Savannah Sugar Refining Corp., 4 E. Bryan St., Savannah, Ga. Utah-Idaho Sugar Co., Benefical Life Bldg., Salt Lake City I, Utah

SUGAR: Corn-See Corn Sugar SUGAR: Decorated

J. A. Joffee & Co., 206 S. 13th Ave., Mt. Vernon, N. Y. E. Schlenzig Co., 801 E. 10th Ave., Denver 18, Colo. Stichler & Co., Reading, Pa.

SUGAR AND SYRUP: Invert

American Sugar Refining Co., 120 Wall St., New York 5, N.Y.
Boston Molasses Co., 131 State St., Boston 9, Mass.
Colonial Molasses Co., Inc., 96 Forrest St., Jersey City,
4, N. J.
B. W. Dyer & Co., 120 Wall St., New York 5, N. Y.
Charles Fuchs Co., 120 Wall St., New York 5, N. Y.
Morris Fuchs & Co., 99 Wall St., New York 5, N. Y.
Holloway Corporation, 57-02 48th St., Maspeth 78, L. L. Holloway Corporation, 57-92 48th St., Maspeth 78, L. 1., N. Y. Geo. E. Keiser & Co., 120 Wall St., New York 5, N. Y. Lamborn & Co., 99 Wall St., New York 5, N. Y. National Sugar Refining Co., 100 Wall St., New York 5, N. Y. THE NULOMOLINE DIV., AMERICAN MOLASSES CO., 120 Wall St., New York 5, N. Y. THE NULOMOLINE DIV., AMERICAN MOLASSES CO., 120 Wall St., New York 5, N. Y. Revere Sugar Refinery, 15 Broad St., Boston 9, Mass. Western Sugar Refinery, 2 Pine St., San Francisco 11, Calif.

SUGAR: Liquid

American Sugar Refining Co., 120 Wall St., New York American Sugar Refining Co., 120 Wall St., New York 5, N. Y.
Charles Fuchs Co., 120 Wall St., New York 5, N. Y.
Charles Fuchs Co., 120 Wall St., New York 5, N. Y.
Holloway Corporation, 57-02 48th St., Maspeth 78, N. Y.
Inland Sugar Co., 208 E. Wisconsin Ave., Milwaukee 2, Wis.
Liquid Sugars, Inc., 1740 W. Michigan St., Indianapolis, Ind.
National Sugar Refining Co., 100 Wall St., New York
5, N. Y.
THE NULOMOLINE DIV., AMERICAN MOLASSES CO.,
120 Wall St., New York 5, N. Y.
REFINED SYRUPS & SUGARS, INC., Dept. M.C., Yonkers
1, N. Y.
Revere Sugar Refinery, 15 Broad St., Boston 9, Mass.
Union Sugar Division, Consolidated Foods Corp., 230 California St., San Francisco, Calif.

SUGAR: Milk (Lactose)

Innis Seiden & Co., 117 Liberty St., New York 6, N. Y. Sheffield By Products Co., Norwich, N. Y. Sheffield Chemical Co., Inc., P. O. Box 620, Norwich, N. Y. WESTERN CONDENSING CO., 246 W. College Ave., Apple-

SUGAR: Turbinado

B. W. Dyer & Co., 120 Wall St., New York 5, N. Y. Charles Fuchs Co., 120 Wall St., New York 5, N. Y. Geo. E. Keiser & Co., Inc., 120 Wall St., New York 5, N. Y. Lamborn & Co., 99 Wall St., New York 5, N. Y.

SWEETENERS: Artificial

Abbott Laboratories, Sheridan Rd., North Chicago, Ill. Atlas Powder Co., Wilmington 99, Del. MERCK & CO., INC., Rahway, N. J. Monsanto Chemical Co., 1700 S. 2nd St., St. Louis 4, Mo. OHAS. PFIZER & CO., 630 Flushing Ave., Brooklyn 6, N. Y.

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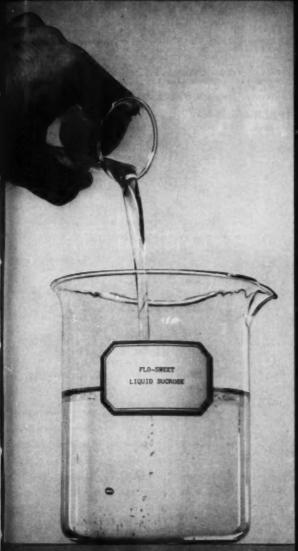
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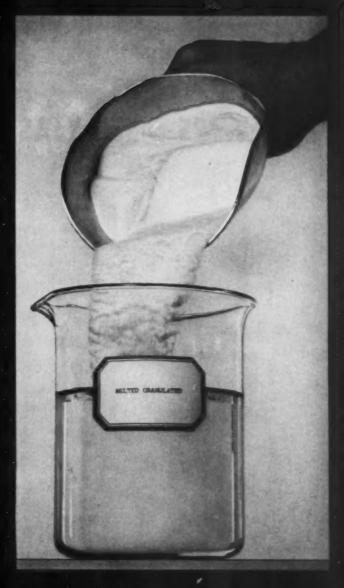
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Nothing looks purer than the sparkling white crystals of granulated sugar. But when they are dissolved in water, as the photograph on the right shows, a certain amount of impurity of color shows up. And color is one good indication of sugar purity.

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CHAS. PFIZER & CO., 636 Flushing Ave., Brooklyn 6, N. Y.

STERWIN CHEMICALS, INC., 145 Broadway, New York
16, N. Y. Vitamins, Inc., 809 W. 58th St., Chicago 21, Ill.

WALNUTS: Black

Acker Black Walnut Corp., Broadway, Va.
Braun Importing Co., 161 Hudson St., New York 13, N. Y.
Block Brothers, 141-149 Second Ave. S., Nashville 2, Tenn.
The Callerman Co., 400 No. Michigan Ave., Chicago 11, III.
Wm. A. Camp Co., Inc., 100 Hudson St., New York 13, N. Y.
Continental Nut Co., P. O. Box 503, Chico, Calif.
T. M. Duche & Sons, Inc., 117 Hudson St., New York 14,
N. Y.
Hammons Products Co., 217 Hammons Drive, Stockton, Mo.
S & W Fine Foods, Inc., 185 Berry St., Ean Francisco 19,
Calif.
The Standard Fruit Product Co., 210 Main St., Cincinnati

The Standard Fruit Product Co., 210 Main St., Cincinnati 2, Ohio Sunshine Pecan Co., P. O. Box 4004 Sta. A., San Antonio 7, Tex.
Virginia & Spanish Peanut Co., 260 Dexter St., Providence
7, Rhode Isl.
The Walnut Shop, Mitchell, Ind.
WOOD & SELICK COCONUT Co., 19 Rector St., New
Yok 6, N. Y.

WALNUTS: English

Wm. A. Camp Co., Inc., 100 Hudson St., New York 13, N. Y.
L. Demartini Co., 275 Brannan St., San Francisco 7, Calif.
Braun Importing Co., 161 Hudson St., New York 13, N. Y.
California Walnut Growers Ass'n, 1745 E. 7th St., Les
Angeles 21, Calif.
Continental Nut Co., P. O. Box 503, Chico, Calif.
Davis Nut Shelling Co., 538 S. Central Ave., Los Angeles,
Calif.
Dodwell & Co. 144 St. W. W. St.

Calif.
Dodwell & Co., Ltd., 79 Wall St., New York 5, N. Y.
T. M. Duche & Sons, Inc., 117 Hudson St., New York 13,
N. Y.

Garden City Nut Shelling Co., 699 N. 13th St., San Jose 11, Calif. Wm. A. Higgins & Co., Inc., 100 Hudson St., New York 13, N. T. N. T. North Side Nut House, 702 N. 13th St., San Jose 11, Calif. Oregon Nut Growers, Inc., 403 N. Main St., Newberg, Ora. Oregon Nut Shellers, Hillsboro, Ore. Red Line Commercial Co., Inc., 280 Broadway, New York

8, N. Y Spencer Importing Co., 33 Willow Gate, Roslyn Heights, N. Y.

Sunset Nut Shelling Co., 520 Folsom St., San Francisco, S & W Fine Foods, Inc., 155 Berry St., San Francisco 18, Calif. Virginia & Spanish Peanut Ce., 260 Dexter St., Providence 7, R. I.

WOOD & SELICK COCONUT CO., INC., 19 Rector St., New York 6, N. Y. Zaloom, Joseph A. & Co., 8 Jay St., New York 13, N. Y.

WAX: Carnauba

Atkins, Kroll & Co., 320 California St., San Francisco 4, Calif. BRADSHAW-PRAEGER & CO., 3248 W. 47th Pl., Chicago 22, 111.

Dalton-Cooper, Inc., 200 W. 34th St., New York 1, N. Y.

Dodwell & Co. Ltd., 73 Wall St., New York 5, N. Y.

Fine Chemical Co., 11 W. 42nd St., New York 18, N. Y.

Huntington Laboratories, Huntington, Ind.

S. B. Penick & Co., 50 Church St., New York 7, N. Y.

L. A. Salomon & Bro., 216 Pearl St., New York 7, N. Y.

Thomas J. Shields Co., 44 Cliff St., New York 38, N. Y.

Stein, Hall & Co., Inc., 235 Madison Ave., New York 17, N. Y.

Will & Baumer Candle Co., Inc., Syracuse 1, N. Y.

Widmayer & Jungling, 150 Chambers St., New York 7,

N. Y. (Kettle Wax)

Kraft Foods, 500 Peshtigo St., Chicago, Ill. WESTERN CONDENSING CO., 340 W. College Ave., Apple-

WHIPPING AGENTS

(Also see Gelatin, Egg Solids)

GUNTHER PRODUCTS, INC., 600 E. Main St., Galesburg, LENDERINK & CO., N.V., Westerkade 20, Schiedam, Holland WESTERN CONDENSING CO., Appleton, Wis.

ANHEUSER-BUSCH, INC., 721 Pestalogal St., St. Louis 18, Mo. BREWERS YEAST COUNCIL, 605 N. Michigan Ave., Chi-Cago 11, Ill. STANDARD BRANDS, INC., 625 Madison Ave., New York 22, N. Y. Yeast Sales Div., Jos. Schlitz Brewing Co., Milwaukee 1, New

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(whipping agent)

LEAST EXPENSIVE MOST EFFECTIVE

HYFOAMA IS OUR ONLY PRODUCT!

Our whole resources are devoted to making the safest whipping agent for the industry.

We'll gladly prove what we claim by sending you a collection of CANDY SAMPLES.

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O. J. WEEKS Co. Inc., 44 North Moore Street, New York 13, N.Y. Pacific Coast: RICH-MOOR CORPORATION 618 North Robertson Boulevard Los Angeles 46, California

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Packaging Supplies

THE supply firms whose names appear in BLACK FACE TYPE LIKE THIS are using advertising space regularly in THE MANUFACTURING CONFECTIONER. They deserve your special consideration and preference, consistent with the values offered classwhere.

The names of supply firms listed in smaller light face type like this are published WITH-OUT CHARGE and are compiled from their Registration blanks which we have circulated freely throughout the confectionery field, or their names have been taken from sources we believe to be reliable. However, we assume no responsibility for errors or omissions. For a complete index of products, see the detailed Products Index Section in the back of this issue.

ADHESIVES: Label Glue, Paste Gums, etc.

Arabol Mfg. Co., 110 E. 42nd St., New York 17, N. Y. Bakelite Div. Union Carbide & Carbon Corp., 20 East 42nd St., New York 17, N. Y. Clark Stek-O Corp., 1623 Dewey Ave., Rochester, N. Y. Decatur Milling Co., Inc., Decatur, Ill. The F. G. Findley Co., 3033 W. Pemberton Ave., Milwaukee 10. Wis.

N. T. Gates Co., 6845 Westfield Ave., Camden, N. J. Glue Fast Equipment Co., Inc., 9 White St., New York 13, N. Y. Grasselli Chemical Co., Guardian Bidg., Cleveland, Ohio. National Starch Products, Inc., 750 Third Ave., New York 17, N. Y. Stein Hall & Co., 285 Madison Ave., New York 17, N. Y. Swift & Co.,fff U. S. Yards, Chicago 9, Ill.

ARTIFICIAL FLOWERS

Miya Flower & Novelty Co., Inc., 39 E. 28th St., New York 16, N. Y. S. Romeo Co., 7208 15th Ave., Brooklyn 23, N. Y. Schack's, Inc., 2516 Armitage Ave., Chicago 47, Ill. Stichler & Co., 110 S. 9th St., Reading, Pa. F. W. Stolts & Sons, 279 Cooper St., Brooklyn 27, N. Y.

BAGS: Foil

Cello Masters, Inc., 1155 Randall Ave., New York 59, N. Y. Central States Paper & Bag Co., Inc., 5221 Natural Bridge, St. Louis 16, Mo.
Continental Can Co., 100 East 42nd St., New York 17, N. Y. Custom-Made Paper Bag Co., 3302 Skillman Ave., Long Island City 1, N. Y.
Diaphane Corp., 1934 Arch St., Philadelphia 3, Pa. The Dobeckmun Co., 3301 Monroe St., Cleveland 1, Ohio Folicraft Printing Corp., 3611 14th Ave., Brooklyn 18, N.Y. N. T. Gates Co., 6845 Westfield Ave., Camden, N. J. Kehr Products Co., 429 N. Broad St., Philadelphia 3, Pa. Kennedy Car Liner & Bag Co., Shelbyville, Ind.
Keystone Packaging Service, 1012 Washington St., Easton, Pa.
Mehl Manufacturing Co., 2057 Reading Road, Cincinnati 2, Ohio
Melrose Packaging, 814 St. Ann's Ave., New York, N. Y. MILPRINT, INC., 4200 No. Helton, Milwankee 1, Wis....
Monoca Bag & Mfg. Co., Inc., 2212 Madison Ave., Toledo 2, Ohio
The Moser Bag & Paper Co., 3048 E. 55th St., Cleveland 27, O. Oneida Paper Products, Inc., 10 Clifton Blvd., Clifton, N. J. Orchard Paper Co., 3914 N. Union Blvd., St. Louis 17, Mo. Packaging Products, Inc., 111 W. & Sth St., Kansas City, Mo. Packaging Products, Inc., 111 W. & Sth St., Kansas City, Mo. Packaging Products, Inc., 111 W. & Sth St., Kansas City, Mo. Paramount Packaging Corp., 3111 W. Allegheny Ave., Philadelphia 32, Pa.

7. Ohio The Moser Bag & Paper Co., 3048 E. 55th St., Cleveland 27, O. Oneida Paper Products, Inc., 10 Clifton Blyd., Clifton, N. J. Orchard Paper Co., 3914 N. Union Blyd., St. Louis 17, Mo. Packaging Products, Inc., 111 W. 5th St., Kansas City, Mo. Paramount Packaging Corp., 3111 W. Allegheny Ave., Phildelphis 32, Pa.

Reynolds Metals Co., Richmond 19, Va.
Paper Goods Co., Inc., 270 Albany St., Cambridge 39, Mass. P. Puchkoff & Sons., Inc., 253 Maujer St., Brooklyn 6, N. Y. Rosenthal Paper Co., 200 Lynch St., St. Louis 18, Mo. Shellmar-Betner Division, Continental Can Company, 100 E. 43nd Street, New York 17, N. Y.
Specialty Package Div., Leeds Sales Co., Inc., 294 5th Ave., New York 1, N. Y.
Standard Bag Sales Co., 2910 Hunters Point Ave., LI, N. Y. Standard Bag Sales Co., 2910 Hunters Point Ave., LI, N. Y. Standard Bag Sales Co., St., Philadelphis 33, Pa.

The Unger Co., 1273 W. 5th St., Cleveland 13, Ohio Union Bag & Paper Corp., Woolworth Bidg., New York 7, N. Y.
Western Lithograph Co., 600 E. 2nd St., Los Angeles, Calif. Western Products, Inc., Newark, Ohio.

BAGS: Insulated

N. T. Gates Co., 6845 Westfield Ave., Camden, N. J. Jiffy Manufacturing Co., 380 Florence Ave., Hillside, N. J. Kehr Products Co., 401 No. Broad St.: Philadelphia 8, Pa. Lane Paper Co., 93 Worth St., New York 13, N. Y. Paramount Packaging Corp., 3111 Allegheny Ave., Philadelphia 32, Pa. Union Bag and Paper Corp., 233 Broadway, New York 7, N. Y.

BAGS: Glassine

American Paper Goods Co., Kensington, Conn. Bemis Bros. Bag Co., 408 Pine St., St. Louis 2, Mo. Alfred Bleyer & Co., 58-77 57th St., Maspeth, N. Y. Brooklyn Standard Bag Corp., 29-10 Hunters Point Ave., Long Island City, N. Y. Callo Masters, Inc., 1155 Randail Avenue, New York 53, N. Y. Central States Paper & Bag Co., Inc., 5221 Natural Bridge, St. Louis 15. Mo. Comet Envelope & Paper Co., Inc., 5 E. 17th St., New York 3, N. Y. Custom-Made Paper Bag Co., 3802 Skillman Ave., Long Island City 1, N. Y. Equitable Paper Bag Co., 1nc., 45-50 Van Dam St., Louis Island City 1, N. Y. T. Trumbull Paper Corp., 38 Canal Street, New Haven, Conn.

N. T. Gates Co., 6845 Westfield Ave., Camden, N. J. Handy Card & Paper Co., 170-174 School St., Somerville 45, Mass.
Kehr Products Co., 429 N. Broad St., Philadelphia 8, Pa. Kirchheimer Bros. Co., 429 W. Ohlo St., Chicago 10, Ill. Melrose Packaging, 814 St. Ann's Ave., New York, N. Y. Menasha Products Co., Menasha, Wis. Mill-Philm, INC., 4260 No. Holton, Millwaukee 1, Wis. Mill-Philm, INC., 4260 No. Holton, Millwaukee 1, Wis. Monoca Bag Mig. Co., 2312 Madison Ave., Toledo 2, Ohio Moser Bag & Paper Co., 3049 E. 55th St., Cleveland 4, Ohlo. Oneida Paper Products Co., Inc., 10 Clifton Blvd., Clifton, N. J. Orchard Paper Co., 2914 No. Union Blvd., St. Louis 15, Mo. Package Products Company, 1930 Camden Rd., Charlotte 1, N. C.
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BAGS: Plastic Film

American Paper Goods Co., Kensington, Conn.
Andre Paper Box Co., P. O. Box 457, San Leandro, Calif.
Arvey Corp., 2462 No. Kimball Avenue, Chicago 13, Ill.
Badger Transparent Bag Co., 1412 So. Jackson St., Janesville, Wis. (cellophane, poly)
Bemis Bros. Bag Co., 408 Pine St., Box 58, St. Louis 2, Mo.
(polyethylene).
Blossom Mfg. Co., 292-5th Ave., New York 1, N. Y.
Brooks Paper Co., 400 Security Bldg., St. Louis 2, Mo.
(cellophane, polyethylene)
Caton Printing Co., 422 West 8th St., Kansas City 6, Mo.
Cello Bag Company, 4007 Airport Way, Seattle 7, Wash.
N. Y. (cellophane, polyethylene, saran)
Cello-Masters, Inc., 1155 Randall Avenue, New York 59,
N. Y. (cellophane, polyethylene, saran)
Central States Paper & Bag Co., 1nc., 5221 Natural Bridge,
St. Louis 15, Mo.
Chase Bag Company, 309 W. Jackson Blvd., Chicago 6, Ill.
Continental Can Company, 100 E. 42nd Street, New York
17, N. Y.
Custom-Made Paper Bag Co., 3302 Skillman Ave., Long Island City 1, N. Y.
Comet Envelope & Paper Co., 5 E. 17th St., New York 2,
N. Y.
Crystal Tube Corp., 6625 W. Diversey Ave., Chicago 25, Ill.
(cellophane, polyethylene, saran)
Diaphane Corp., 1524 Arch St., Philadelphia 3, Pa. (polycello)
Dixie Wax Paper Co., 1300 S. Polk St., Dallas, Texas
Dobeckmun & Co., 3301 Monroe, Cleveland 1, Ohio.
Dow Chemical Co., Midland, Mich. (polyethylene, saran)
Durethene Corp., 1855 So. 55th Ave., Chicago 50, Ill.

Equitable Paper Bag Co., Inc., 45-50 Van Dam St., Long Island City 1, N. Y.
Flexible Package Co., 2727 S. Stewart Ave., Chicago 16, 111. (polyethylene)
Folicraft Printing Corp., 3611 14th Ave., Brooklyn 18, N. Y. (polyethylene)
N. T. Gates Co., 6845 Westfield Ave., Camden, N. J. Interstate Folding Box Co., Middletown, O. Kehr Products Co., 429 N. Broad St., Philadelphia 8, Pa. (all types)
Kennedy Car Liner & Bag Co., Shelbyville, Ind. (poly, caran)
Kennedy Car Liner & Bag Co., Shelbyville, Ind. (poly, saran)
Keystone Packaging Service, 1012 Washington St., Easton, Pa.
Lane Paper Co., 93 Worth St., New York 13, N. Y. (polyethylene)
Lassiter Corp., 350 Fifth Ave., New York 1, N. Y. (poly. saran)
Mehl Manufacturing Company, 2057 Reading Road, Cincinnati 2, Ohio.
Melrose Packaging, 814 t. Ann's Ave., New York, N. Y. (cello, poly)
MILPRINT, INC., 4266 Ne. Helton, Milwaukee 1, Wis. Monoca Bag & Mig. Co., Inc., 2212 Madison Ave., Brooklyn 6, N. Y.
Nashua Corp., 44 Franklin Street, Nashua, N. H.
5, N. Y.
Nashua Corp., 44 Franklin Street, Nashua, N. H.
5, N. Y.
Neostyle, Inc., 205 So. LaSalle St., Chicago 11, Ill. Oneida Paper Products Co., Inc., 10 Clifton Blvd., Clifton, N. J.
Package Products Company, 1930 Camden Road, Charlotte, No. Car. (cellophane, polyethylene)
Packaging Div., E. W. Twitchell Inc., 2801 N. 3rd St., Philadelphia 6, Pa.
Paper Goods Co., Inc., 270 Albany St., Cambridge 39, Mass. Packaging Products, Inc., 111 West Fifth St., Kansas City, Mo.
Paramount Packaging Corp., 3111 W. Allegheny Ave., Philadelphia 28, Pa.
Printon Corp., 304 E. 22rd St., New York 10, N. Y. (laminated poly, saran)
Rosenthal Paper Co., 29-10 Hunters Point Ave., Long Island 1, N. Y.
Transparent Package Company, 3810 South Morgan St., Chicago, Ill.
The Unger Co., 1272 W. 9th St., Cleveland 13, Ohio United States Envelope Co., Springfield 2, Mass.
Union Bag & Paper Co., Woolworth Bldg., New York 1, N. Y.
Western Products, Inc., Newark, Ohio.

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Aluminum Handicraft, 1752 Morris Ave., Bronx 57, N. Y. Andre Paper Box Co., P. O. Box 457, San Reandro, Calif. Argent Corp., 4224 White Plains Road, New York 70, N. Y. (silk, fibre)
Badger Merchandising Displays, Inc., 250 W. Capitol Dr., Milwaukee 12, Wis.
Rurlington Basket Co., Burlington, Iowa Cello-Masters, Inc., 1155 Randall Ave., New York 59, N. Y. (plastic mesh)
Economy Cover Corp., 33 E. 33rd St., New York 16, N. Y. Edgerton Mfg. Co., Poali, Ind.
Forbes Lithograph Mfg. Co., P.O. Box 513, Boston 2, Mass. I. B. COMPANY, 150 Spring St., New York 12, N. Y. Mason Bros. & Tarlin, Inc., 73 High St., Boston 10, Mass. Mayer Novelties, Maspeth, N. Y. Mexican Products Co., Box 506, Laredo, Texas.
Miya Company, 39 East 28th Street, New York 16, N. Y. P. Puchkoff & Sons, Inc., 220 Kosciusko St., Brooklyn 16, N. Y. Schall & Company, 107 Franklin St., New York 13, N. Y. B. Shackman & Co., 2 W. 35th St., New York 1, N. Y.

BOX COVERING: Paper Printed or Embossed

I. A. Deline Paper Boxes, 1162 Champa, Denver 4, Colo. Foilcraft Printing Corp., 2611 14th Ave., Brooklyn 18, N. Y. Bradner Smith & Co., 323 & Desplaines St., Chicago 6, Ill.

Bulkley, Dunton & Co., Inc., 295 Madison Ave., New York 17, N. Y.

Central Paper Co., Inc., 2400 Lake Shore Drive, Muskegon, Mich.

Decotone Products Div. Fitchburg Paper Co., 193 Kimball St., Fitchburg, Mass.

Deline Paper Boxes, Inc., 1655 S. Jason St., Denver 9, Colo. Foilcraft Printing Corp., 3611 14th Ave., Brooklyn 18, N. Y.

Forbes Lithograph Mfg. Co., P. O. Box 513, Boston 2, Mass. Gardner-Brooks, Inc., 140 Wilbraham Ave., Springfield 3, Mass.

N. T. Gates Co., 6845 Westfield Ave., Camden, N. J. Gaylord Container Corp., 111 N. Fourth St., St. Louis 2, Mo.

Hampden Glased Paper & Card Co., 100 Water St., Holyoke, Mass.

Hasen Paper Co.. 208 Race, Holyoke, Mass.

Herald Press, Inc., 1930 Camden Rd., Charlotte 3, N. C.

Bendix Printing Co., Inc., 145 Hudson St., New York 13, N. Y.

Kehr Products Company, 429 N. Broad St., Philadelphia 8, Pa.
Lassiter Corp., 350 Fifth Ave., New York 1, N. Y.
M. H. Levine Co., Inc., 28 W. 27th St., New York 1, N. Y.
The Lord Baltimore Press, Inc., 1601 Edison Highway,
Baltimore 13, Md.
The Marvellum Co., Holyoke, Mass.
Matthias Paper Corp., 165 W. Berks St., Philadelphia 22, Pa.
Michigan Lithographing Co., I Carlton Ave. S.E., Grand
Rapids 6, Mich.
MILPRINT, INC., 4200 N. Helten St., Milwaukee 1, Wis.
Nashua Gummed Corp., 44 Franklin St., Nashua, N. H.
Nashua Gummed Paper Corp., 44 Franklin St., Nashua, N. H.
New England Card & Paper Co., Inc., 12-30 Hanover St.,
Springfeld 5, Mass.
The Nielsen Lithographing Co., 4142 Airport Rd., Cincinnati 26, O.
Norristown Box Co., Norristown, Pa.
Orchard Paper Co., 3914 No. Union Blvd., St. Louis 15, Mo.
Package Products Company, 1930 Camden Rd., Charlotte,
No. Car.
Reynolds Metals Co., Richmond 19, Va.
Simplex Paper Box Corp., Janet & Marshall Aves., Lancaster, Pa.
Specialty Package Div., Leeds Sales Co., Inc., 294 5th Ave.
New York 1, N. Y.
Transparent Protection Co., Inc., 16 Lawrence St., Newark
2, N. J.
Packaging Div., E. W. Twitchell Inc., 2801 N. 3rd St.,
Philadelphia 6, Pa.
U. S. Printing & Lithograph Co., 342 Beech St., Cincinnati,
15, Ohio.
Wyomissing Glazed Paper Co., Reading, Pa.

BOXES: Corrugated and Solid Fibre (Shipping)

Agar Mfg. Corp., Whippany, N. J. Ajax Corrugated Paper Co., 1001 Mullanphy St., St. Louis, Mo. Mo.
American Box Board Co., 470 Market St. SW, Grand Rapids
2. Mich.
American Corrugated Paper Products Corp., 357 W. 17th St.,
New York 17, N. Y.
American Paper Products Co., 2nd St. and Bremen Ave.,
St. Louis, Mo.
O. B. Andrews Co., Chattanooga, Tenn.
Ashtabula Corrugated Box Co., Ashtabula, Ohio
Atlanta Paper Co., 950 W. Marietta St., Atlanta, Ga.
N. Y. N. Y.
Atlas Box Makers, 5025 W. 65th St., Chicago 38, Ill.
The Baltimore Paper Box Co., Key Highway, Baltimore, Md.
California Container Corp., 4549 Horton St., Emeryville,
Cleveland Corrugated Box Co., Cleveland, Ohio
Container Corp., of America, 38 S. Dearborn St., Chicago
2 Ill. California Container Corp., 4549 Horton St., Emeryville. Cleveland Corrugated Box Co., Cleveland, Ohio Container Corp., of America, 38 S. Dearborn St., Chicago 3, Ill.

Cornell Paperboard Products Co., 1514 E. Thomas St., Milwaukee, Wis.

Corrugated Container Co., 640 Shoemaker Ave., Columbus 3, Ohio

Crook Paper Box Co., 110 E. 10th Ave., North Kansas City, Mo.

Danbury Sq. Box Co., Danbury, Conn.

C. J. Downey Box Co., 1401 Iron, N. Kansas City, Mo.

Dubuque Container Co., Brunswick Block, Dubuque, Iowa The Eastern Box Co., Baltimore, Md.

Empire Printing & Box Co., Atlanta, Ga.

Fairmont Box Co., Fairmont, W. Va.

Federal Container Co., 56th and Paschall Aves., Philadelphia, Pa.

Federal Paper Board Co., 24 River Road, Bogota, N. J.

Fort Wayne. Corrugated Paper Co., Murray and Barr Sts., Fort Wayne. Corrugated Paper Co., Murray and Barr Sts., Fort Wayne. Corrugated Paper Co., Murray and Barr Sts., Fort Wayne. 1nd.

Robert Gair Co., Inc., 155 E. 44th St., New York 17, N. Y.

Gaylord Container Corp., 111 N. 4th St., St. Louis 2, Mo. General Box Co., 1825 Miner St., Des Plaines, Ill.

General Box Co., 1825 Miner St., Des Plaines, Ill.

General Box Co., 1825 Miner St., Des Plaines, Ill.

General Fibre Box Co., P. O. Box 310, Springield, Massa.

Grand Corrugated Paper Co., Inc., 2001 Tonnelle Ave., No.

Bergen, N. J.

Hankins Container Co., Brunt Div., 6935 W. 65th St., Chicago 38, Ill.

Hercules Box Co., Columbus 7, Ohio

Indiana Fibre Products Co., Marlon, Ind.

Inland Container Corp., 700 W. Morris, Indianapolis, Ind.

Iowa Fibre Box Co., Keokuk, Iowa

Kiekhefer Container Corp., 700 W. Morris, Indianapolis, Ind.

Iowa Fibre Box Co., Keokuk, Iowa

Kiekhefer Container Corp., 23rd & Washington Ave., Philadelphia 5, Pa.

Nashville Corrugated Box Co., Nashville, Tenn.

National Paper Products Co., Sad Battery St., San Francisco. Calif. N. Y. National Metal Edge Box Co., 340 N. 13th St., Philadelphia, National Paper Products Co., 534 Battery St., San Fran-cisco, Calif. B. F. Nelson Mfg. Co., 401 Main St., N. E., Minneapells, B. F. Nelson Mfg. Co., 401 main.
Minn.
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Ohio Boxboard Co., Rittman, Ohio
Old Dominion Box Co., Inc., Charlotte, N. C.
Oshkosh Corrugated Box Mfg. Co., Oshkosh, Wis.
Ottawa River Paper Co., The, Toledo, Ohio
Puget Sound Paper Box Co., 707 Snoqualmie St., Seattle
8, Wash.
Rathborne, Hair & Ridgeway Box Co., 1440 W. 21st Pl.,
Chicago 8, Ill.
River Raisin Paper Co., Monroe, Mich.
Listinge continued Boxes: Corrugated and Solid Fibre (Shipping) (con't)

Rockford Fibre Container Co., Rockford, Ill. Scharff-Koken Mfg. Co., 2nd and Tyler Sts., St. Louis, Mo. George Schulz Co., 5th and Clybourn Sts., Milwaukee,

Specialty Package Div., Leeds Sales Co., Inc., 294 5th Ave., New York 1, N. Y.

Standard Corrugated Box Co., 5110 Penrose St., St. Louis, Mo.

Star Corrugated Box Co., Maspeth, L. I., N. Y.
Stone Container Corp., Eastern Div., Tulip & Decatur Sta.,
Philadelphia 36, Pa.

Union Bag and Paper Corp., 233 Broadway, New York 7, N. Y. United Container Co., 56th & Lancaster Ave., Phila-delphia 31, Pa.

delphia 31, Pa. U. S. Corrugated-Fiber Box Co., Indianapolis 7, Ind. Wabash Fibre Co., Terre Haute, Ind. Waldorf Paper Products Co., St. Paul, Minn. Warner & Childs Co., Inc., The, 554 Boston Ave., Medford, Mass.

Mass.
David Weber & Co., 3500 Richmond St., Philadelphia, Pa.
Joseph Weil & Sons, Inc., 1401 S. Clinton St., Chicago 7,

Wels Fibre Container Corp., Monroe, Mich. Western Paper Products Co., Box 2038, Salt Lake City 10, Utah

Wisconsin Container Corp., Menesha, Wis.

BOXES: Folding and Display

Ace Carton Corp., 5800 W. 51st St., Chicago, Ill. Acme Folding Box Co., 149 E. 25th St., New York 10, N. Y. Acme Paper Box Company, 5950 S. State St., Chicago 21, m

Alford Cartons, Industrial Ave., Ridgefield Park, N. J. American Box Board Co., 470 Market St., SW Grand Rapids 2, Mich.

ids 2, Mich.
Andre Paper Box Co., P. O. Box 457, San Leandro, Calif.

Atlanta Paper Co., 950 W. Marietta St., Atlanta, Ga. Atlanta Carton Corp., Norwich, Conn. Barger Box Corp., 802 W. Beardsley St., Elkhart, Ind. Bridgeport Paper Box Co., 304 Kossuth St., Bridgeport 8, Conn.

s, Conn.
Burgess & Why Corp., 4045 Ridge Avenue, Philadelphia
29, Pa.
F. N. Burt Co., Inc., 514 Seneca, Buffalo 4, N. Y.
The Central Carton Co., 920 Summer St., Cincinnati, Ohio
Central Paper Box Co., 2921 Belleview Ave., Kansas City,

Chicago Carton Co., 4200 S. Crawford Ave., Chicago 32,

Columbus Paper Box Co., Inc., 328-352 W. Town St., Colum-

bus, Ohio
Consolidated Paper Co., Monroe, Mich.
Consolidated Paper & Box Mfg. Co., Inc., 407 E. Canal
St., Richmond, Va.
Container Corp. of America, 38 S. Dearborn St., Chicago

THE COOPER PAPER BOX CO., INC., 19 Hardwood Place, Buffalo 10, N. Y.

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Cornell Paperboard Products Co., 1514 E. Thomas St.,
Milwaukee I. Wis.
Crook Paper Box Co., 110 E. 10th Ave., North Kansas
City, Mo.
Dubuque Container Co., Brunswick Block, Dubuque, Iowa
Federal Paper Board Co., Inc., 24 River Road, Bogota, N. J.
Fleishhacker Paper Box Company, 2701 Merced St., San
Leandro, Cal.
Forhes Lithograph Mfg. Co., P. O. Rox 512 Roaton 2. Mass.

Leandro, Cal.
Forbes Lithograph Mfg. Co., P. O. Box 513, Boston 2, Mass.
Fort Orange Paper Co., 521 5th Ave., New York 17, N. Y.
Robert Gair Co., Inc., 155 E. 44th St., New York 17, N. Y.
The Gardner Board & Carton Co., Middletown, Ohio
Gardner-Brooks, Inc., 140 Wilbraham Ave., Springfield 9, MISSB

Mass.

Gereke-Allen Carton Co., 5101 Penrose St., St. Louis 15, Mo. (Display)
Gordon Cartons, Inc., 1629 Warner St., Raltimore 30, Md.
The Great Lakes Box Co., 7275 Wentworth, Cleveland, Ohio
Green Bay Box Co., Green Bay, Wisc.
Hinde & Dauch Division, 407 Decatur St., Sandusky, O.
F. M. Howell & Co., 79 Penn Ave., Elmira, N. Y.
Interstate Folding Box Co., Middletown, Ohio
Lassiter Corp., 350 Fifth Ave., New York 1, N. Y.
Lengsfield Bros., 1103 Tchoupitoulas St., New Orleans 6,
La.

Lindley Box & Paper Co., Marion, Ind.
The Lord Baltimore Press, Inc., 477 Madison Ave., New
York, N. Y.

York, N. Y.
Marathon Corporation, Menasha, Wis.
The Maryland Paper Box Co., Leadenhall & Ostend Sts.,
Baltimore 36, Md.
Mason Box Co., Attleboro, Mass.
Michigan Carton Co., 322 S. Michigan Ave., Chicago 4, Ill.
Miller & Miller, Inc., P. O. Box 365, Atlanta 1, Ga.
MILPRINT, INC., 4200 N. Holton, Milwaukee 1, Wis.
Morris Paper Mills, 135 S. La Salle St., Chicago 3, Ill.
Mutual Paper Box Corp., 1500 W. Harrison St., Chicago 7,
Ill. T11 National Container Corp., 500 Fifth Ave., New York, N. Y. National Folding Box Co., P. O. Box 1004, New Haven 4, Conn.

National Paper Box Co., 20th and Tracy, Kansas City, The New Haven Pulp & Board Co., 420 Lexington Ave.,

Norristown Box Co., Norristown, Penn. The Ohio Boxboard Co., Rittman, Ohio Old Dominion Box Co., P. O. Box 660, Charlotte, N. C. Owens Paper Box Co., 235 S. Volutia, Wichita 8, Kanss Paper Package Co., 1036 N. Capitol Ave., Indianapolis (Randolph Box & Label Co., 843 W. Van Buren St., Chi-cago 7. Ill. cago 7, 111.

The Richardson Taylor-Globe Corp., 4501 W. Mitchell Ave., Cincinnati, Ohio
W. C. Ritchie & Co., 8801 S. Baltimore Ave., Chicago 17, 111. (Display)

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Schmidt Lithographing Co., 461 2nd St., San Francisco, Calif. J. Schoettle Co., 538 North 11th St., Philadelphia

Sherman Paper Products Corp., Newton Upper Falls, Mass. Shuttleworth Carton Co., 474 W. Broadway, New York 12,

Simplex Paper Box Corp., Janet and Marshall Sts., Lan-caster, Penn. Superior Folding Box Co., 4176 Geraldine Ave., St. Louis 15, Mo.

16, Mo. Sutherland Paper Co., Pitcher and Patterson Sts., Kalamasoo, Mich. Talis Fancy Boxes, Clinton Road, Caldwell, N. J. The Toledo Paper Box Company, 1116 True St., Toledo, Ohio United Board & Carton Corp., 2 Park Ave., New York, N. V.

United Paper Box Co., 460 Bryant St., San Francisco 7 Calif.

Callf.
United Paper Box Corp., 727 No. Kedsle Ave., Chicage
12, Ill.
The United States Printing & Lithograph Co., 342 Beech
St., Cincinnati 12, Ohio
Universal Folding Box Co., 551 13th St., Hoboken, N. J.
Wabash Fibre Box Co., 19th & Buckeye St., Terra Haute,

Warsaw Paper Box Co., 99 Linwood Ave., Warsaw, N. Y. Chas. Weinhagen & Co., 476 Jackson St., St. Paul, Minn. Williams Bros. Paper Box Co., 1101 Broad St., St. Joseph,

BOXES: Metal

American Can Co., 100 Park Ave., New York 17, N. Y. Atlantic Can Co., 5 White St., New York 13, N. Y. Cello-Fibre Can Co., 125 28th St., Brooklyn, N. Y. Geo. V. Clark Co., Inc., 36-15 4th St., Astoria 2, N. Y. J. L. CLARK MFG. CO., Rockford, III. Columbia Can Co., 59-27 54th St., Maspeth 73, N. Y. Continental Can Company, 100 E. 42nd St., New York 17, N. Y. The Dahar Co., 338 Pearl St., New York 38, N. Y. Eastern Can Company, 48 Keap St., Brooklyn 11, N. Y. I. D. COMPANY, 150-J. Spring St., New York 12, N. Y.



Federal Tin Co., Charles and Barre Sts., Baltimore, Md. Heekin Can Co., New & Culver Sts., Cincinnati, Ohio. Frederick A. Krause Assoc., Frenchtown, Pa. Lyon Metal Products, Inc., 5000 Montgomery St., Aurora, III. National Can Corp., 110 E. 42nd St., New York 17, N.Y. New Can Co., 201 Commercial St., Malden, Mass. OLIVE CAN COMPANY, 4700 N. Oketo Ave., Chicago, Hi. Schall & Co., 107 Franklin St., New York 13, N. Y. The S. K. Smith Co., 2857 N. Western Ave., Chicago 18, Ill.

BOXES: Plastic

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Central States Paper & Bag, Inc., 5221 Natural Bridge, St. Louis 15, Mo. Geo. V. Clark Co., Inc., 26-15 Fourth Street Astoria 2, L. I., N. Y. L. I., N. Y.
Crompton-Schoettle, Inc., 145 W. Columbia Ave., Philadelphia 22, Pa.
Dures Plastics & Chemical, Inc., North Tonawanda, N.Y.
Robert Gair Co., 155 E. 44th St., New York 17, N. Y.
J. E. Plastics Mfg. Corp., 225 W. 57th St., New York, N. Y.
Jesse Jones Box Co., P. O. Box 5120, Philadelphia 41, Pa.
Mankato Paper Box Co., 726 S. Front St., Mankato, Mich.
Walter P. Miller Co., Inc., 452 York Ave., Philadelphia
23, Pa.
Modern Boxes, Inc., 4949 N. Pulaski Rd., Chicago 30, Ill.
MOLDED PIHERGLASS TRAY CO., Linesville, Ps. (fiberglass)

giass) Monsanto Chemical Co., Springfield, Mass. P. Puchkoff & Sons, Inc., 220 Kosclusko St., Brooklyn 16, Y. Ritchie & Co., 8861 So. Baltimore Ave., Chicago

W. C. Ritchie & Co., 8861 So. Baltimore Ave., Chicago 17, Ill.

Max Rubin & Sons, 53 Greene St., New York 13, N. Y.

Specialty Package Div., Leeds Sales Co., Inc., 294 5th Ave., New York 1, N. Y.

Transparent Specialties Corp., 3828 E. 91st St., Cleveland 5, Ohio

Tri-State Plastic Molding Co., Henderson, Ky.

E. W. Twitchell, Inc., Packaging Division, 2806 N. Third St., Philadelphia 33, Pa.

Universal Folding Box Co., Inc., Madison & 13th St., Hoboken, N. J.

Warsaw Paper Box Co., 99 Linwood Ave., Warsaw, N. Y.

Weinman Brothers, Inc., 3260 W. Grand Ave., Chicago 51, Ill.

Williams Bros. Paper Box Co., 1101 Broad St., St. Joseph,

BOXES: Set Up

Acme Paper Box Company, 679 3rd St., San Francisco 18, Calif. Adelphia Corp., 452 York Ave., Philadelphia 23, Pa. Advance Box Co., 115 Chester Ave., St. Louis 22, Mo. Alderman, Fairchild Co., Box 371, Rochester, N. Y. Allentown Paper Box C.J., 1217 Liberty St., Allentowa, Pa. American Box Board Co., 470 Market Ave., S.W., Grand Rapids 2, Mich. American Paper Goods Co., 4711 W. Foster Ave., Chi-cago, Ill. cago. Il.
Andre Paper Box Co., P. O. Box 457, San Leandro, Calif.
Angelus Paper Box Co., 747 N. Broadway, Los Angeles,
Calif. Calif.
Atlanta Box Factory, 237 Whitehall S.W., Atlonta 1, Ga.
Automatic Paper Box Corp., 1011 S. California Ave., Chicago 12, Ill.
Rangor Box Co., Bangor, Me.
Barger Box, Inc., 802 W. Beardsley, Elkhart, Ind.
Paul Bennett Paper Box Co., 121 Loomis St., Rockford, Ill.
Best Paper Box Co., 2023 Willow St., Chicago 47, Ill.
G. A. Bisler, Inc., Fifth and Brown Sts., Philadelphia,
Pa. G. A. Bisier, Ano.,
Pa.
Pa.
Bridgeport Paper Box Co., Bridgeport \$, Conn.
M. A. Brown Paper Box Co., 700 S. 17th St., St. Louis,
Mo. (Plain)
Burgess & Why Corp., 4045 Ridge Avenue, Philadelphia.

Burgess & Why Corp., 4045 Ridge Avenue, Philadelphis. 29, Pa.

F. N. Burt Company, Inc., 514 Seneca St., Buffalo 4, N. Y. R. L. Burnett Co., 315-317 E. Commerce St., San Antonio 6, Texas.

Cambridge Paper Box Co., Inc., 196 Broadway, Cambridge, Mass.

Casco Paper Box Co., Inc., 68 Cross St., Portland, Me. Central Paper Box Co., 2106 Walnut St., St. Louis, Mo. Columbus Paper Box Co., Inc., 338-352 W. Town St., Columbus 3, Ohio Congress Paper Box Co., 210 N. Wolcott St., Chicago 18, Ill.

Consolidated Paper & Box Mfs. Co., Inc., 497 E. Canal

17, III.
Consolidated Paper & Box Mfg. Co., Inc., 407 E. Canal St., Richmond, Va., 206 E. 19th St., Kansas City, Mo. Danbury Square Box Co., Danbury, Conn.
I. A. Deline Set-Up Paper Boxes, 1055 S. Jason, Denver A. Del 9, Colo.

9, Colo.
Dennison Mfg. Co., 300 Howard St., Framingham, Mass.
Dubuque Container Co., Brunswick Block, Dubuque, Iowa
Ekco-Alcoa Containers, Inc., Wheeling, Ill. (foil)
Empire Box Co., Garfield, N. J.
Henry A. Enrich & Co., Inc., 6 E. 32nd St., New York, N. Y.
E. E. Fairchild Corp., 367 Orchard St., Rochester 6, N. Y.
Frankenberg Bros., 479 S. Ludlow St., Columbus, Ohio.
Globe Paper Box Co., 1916 W. 14th St., Chicago S. Ill.
Grand Rapids Paper Box Co., 221 W. Fulton St., W., Grand
Rapids, Mich.
The Interstate Folding Box Co., Middletown, Ohio
Ira L. Henry Co., Watertown, Wis.
Heywood Mfg. Co., 605 4th Ave. S. Minneapolis 15, Minn.
Hickory Paper Box Co., Hickory, N. C.

F. M. Howell & Co., 79 Penn Ave., Elmira, N. Y. Inland Paper Box Co., 1625 Wazee St., Denver, Colo. Jesse Jones Paper Box Co., P. O. Box 5120, Philadelphia 41, Pa. Keystone Paper Box Co., York, Pa. A. Klein & Co., 113-119 W. 17th St., New York 11, N. Y. Knoxville Paper Box Co., 200 E. Magnolia Ave., Knoxville,

Tenn.

E. Leonard Koppel, 40 E. 49th St., New York 17, N. Y. Kroeck Paper Box Co., 1701 W. Superior St., Chicago 22, Ill. (mid-west)

Lebanon Paper Box Co., Lebanon, Pa.

John Leggett & Son, Inc., Cohoes, N. Y.

Langsfield Brothers, 1011 Tehoupitoulas St., New Orleans

6, La.

Las Angeles Paper Box

6, La.
Los Angeles Paper Box Factory, 2615 E. Pitt St., Los Angeles, Calif.
A. E. MacAdam & Co., Inc., 95 Lexington Ave., Brooklyn
5, N. Y. (Plain & Fancy)
Mankato Paper Box Co., 725 S. Front St., Mankato, Minn.
H. B. Mann Box Co., 250 W. Sluth St., Indianapolis, Ind.
Maryland Paper Box Co., Leadenhall & Ostend Sts., Baltimore 30, Md.
Mason Box Co., Attleboro Falls, Mass.
Master Paper Box Co., 1319 S. Michigan Ave., Chicago 5, Ill.

Michigan City Paper Box Co., Detroit & Pine Sts., Michigan City, Ind.
Walter P. Miller Co., Inc., 452 York Ave., Philadelphia 23, Pa.

Modern Boxes, Inc., 4949 N. Pulaski Rd., Chicago 30, Ill. Moliter Box Co., 500 W. Florida St., Milwaukee, Wis. Moser Paper Box Co., 4525 N. Euclid, St. Louis, Mo. Mullery Paper Box Co., 293 Como Ave., St. Paul, Minn. Mutual Paper Box Corp., 1500 W. Harrison St., Chicago 7, Ill.

Napa Paper Box Co., P. O. Box 263, Napa, Calif. National Metal Edge Box Co., 320 N. 12th St., Philadelphia, Da

National Paper Box Co., 91 Church St., West Springfield, Newburgh Paper Box Co., Inc., 43 S. Lander St., Newburgh,

Norristown Box Co., Norristown, Pa.
Norwich Paper Box Co., 69 Chestnut St., Norwich, Conn.
Nu-Deal Paper Box Co., Inc., 2219 S. Calumet Ave., Chicago

111 Old Dominion Box Co., Charlotte, N. C. Owens Paper Box Co., 235 S. Volutia, Wichita 8, Kans. Pacific Paper Box Co., Inc., 45 E. 14th St., New York 3, N. Y.

Paper Goods Co., Inc., 270 Albany St., Cambridge 39, Mass. Paper Package Co., 1036 N. Capitol Ave., Indianapolis 6, Ind.

Pharmacy Paper Box Co., 3401 W. Division St., Chicago 51, Ill.

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The Piqua Paper Box Co., 616 Covington Ave., Piqua, Ohio (Plain & Fancy)
Platt Corporation, 1415 Key Highway, Baltimore 30, Md.
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Puget Sound Paper Box Co., 707 Snoqualinie St., Seattle o.,
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Quincy Paper Box Co., 230 No. 3rd St., Quincy, Ill.
Ranburn Co., Inc., 112 Killewald Ave., Tonawanda, N. Y.
Randolph Paper Box, Inc., Richmond, Va.
Joseph Rebholz, 515 Greenwich, New York 13, N. Y.
W. C. Ritchie & Co., 8561 Baltimore Ave., Chicago 17, Ill.
Royal Ploneer Paper Box Mfg. Co., 1147 N. 4th St., Philadelphia, Pa.

delphia, Pa.

Jos. Rubin & Sons., Inc., 35 Meserole Ave., Brooklyn 6,
N. Y.

Schleicher Paper Box Co., 1811 Chouteau, St. Louis

Shoup-Owens Inc., 1100 Adams St., Hoboken, N. J. Simplex Paper Box Corp., Janet & Marshall Sts., Lancas-ter, Pa.

Simplex Paper Box Corp., Janes ter. Pa.

Specialty Package Div., Leeds Sales Co., Inc., 294 5th Ave., New York 1, N. Y.

The Splizer Paper Box Co., 3051 Monroe St., Toledo, Ohio. F. C. Stettler Mfg. Co., 50 N. E. Oregon St., Portland, Ore. Sweet Paper Box Co., Main St., Norton, Mass.

Talis Fancy Boxes, Clinton Rd., Caldwell, N. J.

Thos. S. Taranto, Inc., Ridgefield Park, N. J.

Universal-Engel Paper Box Co., 1811 Chouteau, St. Louis 6, Mo.

United Paper Box Co.., 460 Bryant St., San Francisco

Calif

United Paper Box Corp., 727 N. Kedsie Ave., Chicago 12, Utah Paper Box Mfg. Co., 340 W. 2nd South St., Salt Lake City, Utah.

Warren Paper Products Co., 3200 South St., Lafayette, Ind.

Warsaw Paper Box Co., 99 Linwood, Warsaw, N. Y. Wayne Paper Box Co., Calhoun & Superior Sts., Fort Wayne, Ind.

Wayne Faper Wayne, Ind.
Chas. Weinhagen & Co., 476 Jackson St., St. Paul, Minn.
Western Paper Co., 1111 Bellevue Ave., Detroit, Mich.
Whitlock Press, Inc., 18 Montgomery St., Middletown, N. Y.
Whitney & Co., Leominster, Mass.
Williams Bros. Paper Box Co., 1101 Broad St., St. Joseph Mich.

Wilson Paper Box Co., 2213 E. Franklin St., Richmond, Va. Wright Bros. Paper Box Co., Fond du Lac, Wis. C. Y. Youse Co., Holiday & Saratoga Sts., Baltimore 2, Md.

BOXES: Valentine Heart

Argent Corp., 4424 White Plains Road, New York 70, N. Y. (Silk and Lace)

(Silk and Lace)
A. Klein & Co., 113 W. 17th St., New York, N. Y.
J. A. Sales Company, 132 Spring St., New York 12, N. Y.
Jesse Jones Box Corp., P. O. Box 5120, Philadelphia 41, Pa.
Kroeck Paper Box Co., 1701 W. Superior St., Chicago 22,
Ill. (Mid-west)

Master Paper Box Co., 13th & Michigan St., Chicago, Ill. (plastic) Nu-Deal Paper Box, Inc., 2249 Calumet Ave., Chicago 16, III.

Mutual Paper Box Corp., 1500 W. Harrison St., Chicago 7, Paper Package Co., 302 S. Delaware St., Indianapolis 6, Ind.

Ind.
Puget Sound Paper Box Co., 707 Snoqualmie St., Seattle 8, Wash.
Quincy Paper Box Co., 230 No. 3rd St., Quincy, Ill.
Max Rubin & Sons, 53 Greene St., New York 13, N. Y.
Schall & Co., 107 Franklin St., New York 13, N. Y.
F. J. Schleicher Paper Box Co., 1811 Chateau, St. Louis,

Mo.
B. Shackman & Co., 2 W. 35th St., New York 1, N. Y.
Talis Fancy Boxes, Clinton Rd., Caldwell, N. J.
Thomas S. Taranto, Ridgefield Park, N. J.
Universal-Engel Paper Box Co., 520 O'Fallon St., St. Louis
6, Mo.
United Paper Box Co., 460 Bryant St., San Francisco 7, Cal
Wayne Novelty Corp., P. O. Box 166, Decatur, Ind.
C. J. Youse Co., Holiday and Saratoga St., Baltimore, Md.

BOXES: Wood (For Figs, Dates, Candied Fruits, etc.)

Anderson Box & Basket Co., Henderson, Ky.
Bloom Products, 1133 Broadway, New York 10, N. Y.
Crafts, Inc., 70 Tingley St., Providence 9, R. I.
J. H. Dunning Corp., 265 West Post Rd., Darien, Conn.
Golden State Box Factory, 1200 E. 8th St., Los Angeles
21, Calif.
Hotz Mfg. Co., Shawano, Wis.
Letts Box & Mfg. Co., 1820 S. Fourth, St. Joseph, Mo.
The New England Box Co., Greenfield, Mass.
Northwestern Paper Box Co., 3131 Western Ave., Seattle
1, Wash.
Nussbaum Novelty Mfg. Co., 2135 Ridgewood Rd. N.W.,&
Atlanta 5, Ga.
The Pilliod Cabinet Co., 105-117 Woodland Ave., Swanton,
Ohia.
Rathborne, Hair & Ridgeway Box Co., 1440 W. 21st Pl.,
Chicago 8, Ill.
B. Shackman & Co., 2 W. 35th St., New York 1, N. Y.
Trio Packing & Shipping Corp. Unit B., Bush Terminal,
21 42nd St., Brooklyn 32, N. Y.
Wayne Novelty Corp., P. O. Box 166, Decatur, Ind.

BRUSHES: Stencil and Marking

Bradley Diagraph Machine Corp., Box 247, Herrin, Ill. Floquil Products, Inc., Cobleskill, N. Y. Garvey Fountain Brush & Ink Co., 4379 Duncan Ave., St. Louis 10, Mo. Adolph Gottscho, Inc., 1 Hudson St., New York 13, N. Y. Ideal Stencil Machine Co., Belleville, Ill. Markwell Mfg. Co., 200 Hudson St., New York 13, N. Y. Jas. H. Mattehws & Co., 3947 Forbes St., Pittsburgh 18, Pa.

CADDIES: (For Candy and Crackers)

Chicago Carton Co., 4200 South Pulaski Rd., Chicago 32, III.
Cornell Paperboard Products Co., 1514 E. Thomas Ave.,
Milwaukee I, Wis.
Daher Company, 338 Pearl St., New York 38, N. Y.
The Hinde & Dauch Paper Co., Decatur & Adams Sts.,
Sandusky, Ohio
I. D. COMPANY, 150 Spring St., New York 12, N. Y.
Sherman Paper Products Corp., Newton Upper Falls 64,
Mass.

Nutlements Capton Co. 474 W. Broadway, New York 18 Shuttleworth Carton Co., 474 W. Broadway, New York 12, N. Y. Universal Folding Box Co., Inc., Madison & 13th Sts., Hoboken, N. J.

CANS: Fibre

Dixie Cup Co., 421 N. Western Ave., Chicago 12, Ill. Lily-Tulip Cup Corp., 122 E. 42nd St., New York 17, N. Y. Platt Corp., 1418 Key Highway, Baltimore 30, Md. SEALRIGHT CO., INC., Fulton, N. Y.

CANS: See also Boxes: (Metal)

CARTON: Easter Egg

Andre Paper Box Co., P. O. Box 457, San Leandro, Calif. Burgess & Why, 4045 Ridge Ave., Philadelphia 29, Pa. COOPER PAPER BOX CORP., 19 Hardwood Place, Buffalo 16, N. Y.
Corneli Paperboard Products Co., 1514 E. Thomas Ave.,
Milwaukee 1, Wisc.
Egg Safety Carton Co., 155 E. 44, New York 17, N. Y.
Forbes Lithograph Mfg. Co., Box 513, Boston 2, Mass.



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GENERAL PACKAGE DIVISION, Diamond Gardner Corp.,
585 E. Illinois St., Chicago 11, Ill.
A. E. MacAdam & Co., Inc., 95 Lexington Ave., Brooklyn
5, N. Y. Murray Container Corp., 23rd & washington, phia 46, Pa. Mutual Paper Box Corp., 1500 W. Harrison St., Chicago National Folding Box Co., Inc., P. O. Box 1004, New Haven 4, Conn. Self-Locking Carton Co., 589 E. Illinois St., Chicago 11, III.
Sutheriand Paper Co., Pitcher & Patterson Sts., Kalamazoo, Mich.
United Board & Carton Corp., 285 Madison Ave, New
York, 17, N. Y.
Universal Folding Box Co., Madison & 13th Sts., Hoboken,
N. J. Zimmer Paper Products, 1450 East 20th St., Indianapolis, Ind.

CHESTS

N Ash, Inc., 347 Fifth Ave., New York 16, N. Y. (Mood) (Wood) (Wood)
Kobro Products, 1613 E. New York Ave., Brooklyn 12,
N. Y. (Mirror)
Nussbaum Novelty Mfg. Co., 3135 Ridgewood Rd. N.W.,
Atlanta 5, Ga.
The S. K. Smith Co., 2857 N. Western Ave., Chicago 18, Ill.
Wilt Industries, Syracuse. Ind. (Cedar)

CHRISTMAS STOCKINGS: Film

Comet Envelope & Paper Co., 5 E. 17th St., New York 3, N. Y. N. I. Economy Cover Corp., 33 E. 33rd St., New York 16, N. Y. N. T. Gates Co., 6845 Westfield Ave., Camden, N. J. Geo. E. Mousley, Inc., West Warwick, R. I. MILPRINT, INC., 4290 N. Holton, Milwaukee 8, Wis. (Transparent) Mutual Paper Box Corp., 1500 W. Harrison St., Chicago 7, 711 7, III.
S. R. Oresman & Co., West Warwick, R. I.
James Thompson & Co., Inc., 112-14 Prince St., New York
12, N. Y.
Star Band Co., Broad & Commerce Sts., Portsmouth, Va.

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108 - The Manufacturing Confectioner

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Economy Cover Corp., 32 East 33d St., New York 16, N. Y. Geo. E. Mousley, Inc., West Warwick, R. I. S. R. Oresman & Co., West Warick, R. I. Star Band Co., Broad & Commerce Sts., Portsmouth, Va. JAMES THOMPSON & Co., INC., 112-14 Prince St., New York 12, N. Y.
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Wm. B. Bliss Jr. Co., 425 4th Ave., New York 18, N. Y. Chicago Printed String Co., 2320 Logan Blvd., Chicago 47, 111.

Hysil Mfg. Co., Spring Ave., Revere, Mass.
Independent Cordage Co., Inc., 397 Washington St., New York 13, N. Y.

M. H. Levine Co., Inc., 28-32 W. 27th St., New York 1, N. Y.
Mansell, Hunt, Catty & Co., Inc., 160 Varick St., New York, N. Y.
National Tinsel Mfg. Inc. Manitowoc, Wis.
Louis Schulman Co., 465 Broome St., New York 13, N. Y.
Wright & Graham Co., 57 Leonard St., New York 13, N. Y.

COVERS: Display (for Caddy, Box and Pail)

Blossom Mfg. Co., 292 Fifth Ave, New York 1, N. Y. Bulkley, Dunton & Co., Inc., 295 Madison Ave., New York 17, N. Y. Chicago Carton Co., 4200 So. Crawford Ave., Chicago 22, Ill.

Fessenden Companies, Inc., Townsend, Mass.
Lebanon Paper Box Co., Lebanon, Pa., Mutual Paper Box Corp., 1500 W. Harrison St., Chicago 7, Ill.

Oberly & Newell Lithograph Corp., 545 Pearl St., New York 7, N. Y.

Plastic Artisans, Inc., 70 Westchester Ave., White Plains, N. Y.

Sherman Paper Products Corp., Newton Upper Falls 64.

Mass.

Stuber & Kuck, Peoria, Ill.

Transparent Specialties Corp., 3828 E. 91st St., Cleveland 5, Ohio

Universal Folding Box Co., Madison & 13th Sts., Hoboken,

CUPS: Foil

Aluminum Foils, Inc., Jackson, Tenn.
American Merri-Lei Corp., 918 Halsey St., Brooklyn 33, N. Y.
Basca Mfg. Co., 2222 N. Olney St., Indianapolis, Ind.
N. T. Gates Co., 6846 Westfield Ave., Camden, N. J.
Oldmill Paper Products Corp., 38rd & Skillman Ave., Long
Island City 1, N. Y.
Phoenix Industries, Inc., 400 W. North St., Indianapolis 6,
Ind.
Paper Goods Co., Inc., 270 Albany St., Cambridge 25, Mass.
Standard Rolling Mills, Inc., 196 Diamond St., Brooklyn
22 N. Y.
C. E. Twombly Co., 146 Mystic Ave., Medford 55, Mass.

CUPS: Glassine

American Lace Paper Co., 4425 N. Port Washington Ave., Milwaukee 12, Wis. Cello Masters, Inc., 1155 Randail Ave., New York 59, N. Y. Ft. Trumbull Paper Corp., 38 Canal St., New Haven 3, Conn. N. T. Gates Co., 6845 Westfield Ave., Camden, N. J. Harvey Paper Products Co, Div KVP, Sturgis, Mich. Old Mill Paper Products Corp., Skillman Ave. & 33rd St., Long Island City 1, N. Y. RHINELANDER PAPER COMPANY, Rhinelander, Wis. C. E. Twombly Co., 146 Mystic Ave., Medford 55, Mass.

DESICCANTS

Culligan, Inc., Northbrook, Ill.
Davison Chemical Corp., 20 Hopkins Place, Baltimore 3, Md.
The Dow Chemical Company, Midland, Michigan
Filtrol Corporation, 3250 E. Washington, Los Angeles
23, Calif.
Packaging Div. E. W. Twitchell, Inc., 2807 No. 3rd St.,
Philadelphia 33, Pa.

DISPLAY CONTAINERS: Floor Stand

Acme Folding Box Co., Inc., 149 E. 25th St., New York 10, N. Y. Addison Lithographing Co., 245 Hollenbeck St., Rochester, N. Y. Badger Merchandising Displays, Inc., 250 W. Capitol Dr., Milwaukee 12, Wis. Bridgeport Paper Box Co., 304 Kossuth St., Bridgeport 8, Conn. Central States Paper & Bag Co., Inc., 5221 Natural Bridge, 8t. Louis 15, Mo. Geo. V. Clark Co., Inc., 25-15 4th St., Astoria 2, L. I. N. Y. (transparent)
COOPER BOX CORP., 19 Harwood Place, Buffalo 16, N. Y. Cornell Paperboard Products Co., 1514 E. Thomas St., Milwaukee, Wis. Einson-Freeman Co., Inc., Star & Borden Aves., Long Island City 1, N. Y. Federal Paper Board Co., Inc., 24 River Road, Bogota, N. J. The Forbes Lithograph Co., P. O. Box 153, Boston, Mass. Robert Gair Co., Inc., 155 E. 44th St., New York 17, N. Y. Gereke-Allen Carton Co., 5101 Penrose St., St. Louis 18, Mo. Harlich Mfg. Co., 310 W. Polk St., Chicago, Ill. The Hinde & Dauch Paper Co., Sandusky, Ohio The Interstate Folding Box Co., Verity Parkway, Middletown, Ohio. MILPRINT, INC., 4200 N. Holton St., Milwaukee 1, Wis. Murray Container Corp., 23rd & Washington, Philadelphia 46, Pa.
National Folding Box Co., Box 1004. New Haven, Conn. National Metal Edge Co., 320 N. 12th St., Philadelphia, Pa. Norristown Box Co., Norristown, Pa.
Oberly & Newell Lithograph Corp., 545 Pearl St., New York 7, N. Y. Ohio Boxboard Co., Rittman, Ohio.
Old King Cole Displays Inc., Canton, Ohio.
Plastic Artisans. Inc., 70 Westchester Ave., White Plains, N. Y. Reynolds Metals Co., Richmond 19, Va.
The Richardson Taylor-Globe Corp., 4501 W. Mitchell Ave., Cincinnati, Ohio.
Rike Paper Products. Inc., 1 Campbell St., Dayton 1, Ohio. Richardson Taylor-Globe Corp., 4501 W. Mitchell Ave., Cincinnati, Ohio.
Rike Paper Products. Inc., 1 Campbell St., Dayton 1, Ohio. Richardson Taylor-Globe Corp., 4501 W. Mitchell Ave., Cincinnati, Ohio.
Rike Paper Products Corp., Lancaster, Pa.
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W. J. Bradford Paper Co., 3742 S. Ashland Ave., Chicago 9, Ill.

3, III.
Chicago Carton Co., 4200 S. Crawford, Chicago 32, III.
John Crompton-Adelphia Corp., 145 W. Columbia Ave.,
Philadelphia 22, Pa.
Crook Paper Box Co., 110 E. 10th Ave., North Kansas
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N. T. Gates Co., 6845 Westfield Ave., Camden, N. J.
Handy Card and Paper Co., 170 School St., Somerville 45,
Mass

Matthias Paper Corp., 165 W. Berks St., Philadelphia 22,

Pa.
MURNANE PAPER CO., 1510 No. Kostner Ave., Chicago

MURNANE PAPER Co., 1919 No. Rostner Ave., Chicago 51, III.

Pacific Label & Carton Co., 911 Western Ave., Seattle 4, Wash.

Paper Package Co., 800 S. Delaware St., Indianapolis 6, Ind.

Peter Partition Corp., 124 Boerum Pl., Brooklyn 1, N. Y.

Rapid Cutting Co., 169 Franklin Ave., Brooklyn 5, N. Y.

W. C. Ritchie Company, 8801 Baltimore Ave., Chicago 17, III.

in Louis Schulman Co., 465 Broome St., New York 13, N. Y. Shearer-Neumann Co., 3553 Beldarc Ave., Cincinnati 20, O. Sherman Paper Products, Box 9, Newton Upper Falls 64,

Mass.
GEORGE H. SWEETNAM, INC., 286 Portland St., Cambridge 41, Mass.
Universal Folding Box Co., Inc., Madison & 13th Sts., Hoboken, N. J.
Wayne Paper Pox Co., Ft. Wayne, Ind.
Joseph Well & Sons, Inc., 1461 S. Clinton St., Chicago 7, Ill.

DOILIES: Paper

American Lace Paper Co., 4425 N. Port Washington Rd., Milwaukee 12, Wis.
The KVP Company, Kalamazoo, Mich.
Frank M. Sayford Co., Inc., 50 Washington St., Brooklyn 1, N. Y.
B. Shackman & Co., 2 W. 35th St., New York 1, N. Y.
Sherman Paper Products Corp., Newton Upper Falls 64, Mass.
GEORGE H. SWEETNAM, INC., 286 Portland St., Cambridge 41, Mass.
G. E. Twombly Co., 146 Mystic Ave., Medford, Mass.
Joseph Well & Sons, Inc., 1401 S. Clinton St., Chicago 7, III.

FILMS: Extruders (Manufacturers)

a. Cellophane

b. Polyethylene

c. Saran

SYLVANIA DIV. American Viscose Corp., 1647 Pennsylvania Bivd., Philadelphia 2, Pa. (a, b) Celanese Corp. of America, 290 Ferry St., Newark 5, N. J (a, b) Cheslam N. Y. (Corporation, 684 Nepperham Ave., Younkers

N. Y. (a, b) Dow Chemical Co., Midland, Mich. (c) du Pont de Nemours, E. I. & Co., Wilmington 98, Del.

(a, b)
Durethene Corp., 1859 S. 55th St., Chicago 51, Ill. (b)
Olin Film Div., Ecusta Paper Corp., 655 Madison Ave.
New York 21, N. Y. (a, b)
Transparent Package Company, 3814 S. Morgan St., Chicago, Ill. (b)
Visking Company, Plastics Div., P. O. Box 1410, Terrethere 17d (b) Haute, Ind. (b)

FILMS: Transparent

Bakelite Co., 30 E. 42nd St., New York 17, N. Y. (Vinyl) Blossom Mfg. Co., Inc., 292-5th Ave., New York 1, N. Y. (Poly, saran, cellophane) Brooks Paper Co., 400 Security Bldg., St. Louis 2, Mo.

Brooks Paper Co., 400 Security Blue, 152 Land (cellophane)
Cello-masters, Inc., 1155 Randall Ave., New York 59, N. Y.
Central States Paper and Box Co., 5221 Natural Bridge, St.
Louis 57, Mo.
Cheslam Division, St. Regis Paper Co., 684 Nepperhan Ave.

Yonkers, N. Y. (all)
Continental Can Co., 100 E. 42nd St., New York 17, N. Y.
DANIELS MFG. CO., Rhinelander, Wisc. (all)
Diaphane Corp., 1934 Arch St., Philadelphia 3, Pa. (a, b)

(all) (all) Wax Paper Co., 1300 S. Polk, Dallas 22, Texas Dobeckmun Co., 3301 Monroe Ave., Cleveland 1, Ohio (a,

Dobeckmun Co., seet a.m.
b, c)
Dow Chemical Co., Midland, Mich. (saran)
Eastman Kodak Co., 343 State St., Rochester, N. Y.
(Acetate)
Fabricon Products, Inc., 1721 W. Pleasant Ave., River
Rouge, Mich.
Flexible Package Co., 2627 S. Stewart Ave., Chicago 16,
ill. (polyethylene)
Forbes Lithograph Mfg. Co., P. O. Box 513, Boston 2, Mass.
Liatings continued

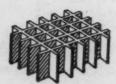
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Kohr Products Co., 429 N. Broad St., Philadelphia 8, Pa.
Lassiter Corporation, 350 Fifth Ave., New York 1, N. Y.

Lassiter Corporation, see Prices (all)
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A. E. MacAdam & Co., Inc., 95 Lexington Ave., Brooklyn 38, N. Y.
Miller & Miller, P. O. Box 865, Atlanta 1, Ga.
MILPRINT, INC., 4200 N. Holton, Milwaukee S, Wis. (all)
Monsanto Chemical Co., Springfield, Mass. (Acetate, Vinyl)
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Nasana Gummed & Coated Paper Co., 44 Franklin, Nasanua, N. H. Olin Film Division, 655 Madison Ave., New York 21, N. Y. Package Products Co., 1930 Camden Rd., Charlotte 1, N. C. Pack

(all)
Paramount Packaging Corp., 3111 W. Allegheny Ave.,
Philadelphia 32, Pa. (cellophane, polyetylene, Saran)
Printon Corp., 304 E. 23rd St., New York 10, N. Y. (all)
The Specialty Paper Co., Dayton 8, O. (cello)
GEORGE H. SWEETNAM, INC., 286 Potland St., Combridge 41, Mass.
Transparent Package Company, 3510 S. Morgan, Chicago,
Ill. (Poly)
E. W. Twitchell, Inc., Packaging Division, 2806 N. Third
St., Philadelphia 33, Pa.

FOIL: Plain, Laminated, Embossed

Aluminum Co. of America, 2400 Oliver Bldg., Pittsburgh.

Pa. Angell Manufacturing Co., 1071 E. Monument, Dayton 1, O. Bulkley Dunton & Co., Inc., 295 Madison Ave., New York 17, N. Y. Cheslam Division, St. Regis Paper Co., 684 Nepperhan Ave.,

Cheslam Division, St. Regis Paper Co., St. Nokers, N. Y.
Yonkers, N. Y.
Cochran Foil Co., 1430 S. 13th St., Louisville 10, Ky.
Continental Can Co., 100 E. 42nd St., New York 17, N. Y.
D *NIELS MANUFACTURING CO., 114 W. Kemp St., Rhineinder, Wis. (laminanted, embosaed)
Dixie Wax Paper Co., 1300 S. Polk, Dallas, Texas
Dobeckmun & Co., P.O. Box 6417, Cleveland 1, Ohio
Foileraft Printing Corp., 3611—14th Ave., Brooklyn 18,
N. Y.

Folicraft Printing Corp., 3611—14th Ave., Brooklyn 18, N. Y. Hazen Paper Co., 208 Race St., Holyoke, Mass. Interstate Folding Box Co., P.O. Box 271, Middletown, O. (laminated)
The Johnson Tin Foil & Metal Co., 6106 S. Broadway, St. Louis 11, Mo.
St. Louis 11, Mo.
Kehr Products. 429 N. Broad St., Philadelphia 8, Penna. Kennedy Car Liner & Bag Co., Shelbyville, Ind. (poly) Kraiser Aluminum & Chemical Corp., 1924 Broadway, Oakland 12, Calif. (plain)
Lachmann-Novasel Corp., 109 Greene St., New York 12, N. Y.

Lassiter Corporation, 250 Fifth Ave., New York 1, N. Y. The Marvellum Co., Holyoke, Miss.
Matthias Paper Corp., 165 W. Berks St., Philadelphia 22,

MILPRINT, INC., 4200 S. Holton St., Milwukee S. Wis., Newark Paraffine Paper Co., 70 Blanchard St., Newark 5,

N.J.
Oneida Paper Producta, Inc., 10 Clifton Blvd., Clifton, N. J.
Orchard Paper Co., 3914 N. Union St., St. Louis 15, Mo.
(laminated, embossed)
Krieger Printing Co., 101 Crosby St., New York 12, N. Y.
Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union
City, N. J.

Peerless Roll Leaf Co., Inc., 4511 New 1912
City, N. J.
Republic Foil & Metal Mills, Inc., 55 Triangle St., Danbury, Cons.
Reynolds Metals Company, 2500 S. 3d St., Louisville 1, Ky.
Riegel Paper Corp., 342 Madison Ave., New York 17, N. V.
George Schmitt & Co., Inc., 1 Elm St., Locust Valley, L. L.
Specialty Package Div., Leeds Sales Co., Inc., 294 5th Ave.,
New York 1, N. Y.
The Specialty Papers Co., 802 Miami Chapel Rd., Dayton,
Ohlo

Standard Rolling Mills, Inc., 196 Diamond St., Brooklyn

22, N. Y.
United Fourd & Carton Corp., 285 Madison Ave., New York 17, N. Y.
Western Products, Inc., Newark, Ohio.

IARS & BOTTLES: Glass

Anchor Hocking Glass Corp., Lancaster, Ohio.
The Aridor Co., 3428 W. 48 Pl., Chicago 32, III.
Armstrong Cork Co., Liberty St., Lancaster, Pa.
Capstan Glass Co., Connellsville, Pa.
Chattanooga Bottle & Glass Mfg. Co., Chattanooga, Tenn.
Foster-Forbes Glass Co., Marion, Ind.
Hazel-Atlas Glass Co., 15th St., Wheeling, W. Va.
Jeannette Glass Co., Jeannette, Pa.
Obear Nester Glass Co., E. St. Louis, III.
Owens-Illinois Glass Co., Ohio Bidg., Toledo, Ohio
Panav Horizontal Show Jar Co., 2784 N. 22nd St., Milwaukee, Wis.

LABELS: Foil

Aldine Paper Co., Inc., 535 Fifth Ave., New York, N. Y. Allen Hollander Co., Inc., 385 Gerard Ave., New York 51, N. Y.

Avery Adhesive Label Corp., 1816 S. California St., Mon-rovia, Calif.
Arkadia Lahel Corp., 126 W. 22nd St., New York 11, N. Y. Bucher Brothers, 729 Leo St., Dayton 4, Ohio I. A. Deline Paper Boxes, Inc., 1865 S. Jason, Denver 3, Colo.

Dennison Mfg. Co., 300 Howard St., Framington, Mass. Ever Ready Label Corp., 357A Cortlandt St., Belleville 9, N. J.

N. J.
Fleming-Potter Co., Inc., 1028 South Adams, Peoria, Ill.
Foolcraft Printing Co., 3611 14th Ave., Brooklyn 18, N. Y.
Forbes Lithographing Co., P. O. Box 513, Boston 2, Mass.
Lamboy Label & Wrapper Co., 2129 Portage St., Kalamazoo. Mich.
Lassiter Corporation, 350 Fifth Ave., New York 1, N. Y.
Lord Baltimore Press, Inc., 477 Madison Ave., New York
N. Y.

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Master Craft Decalcomania Co., 521 W. Monroe St., Chicago 6, Ill.
The J. L. May Co., Inc., 111 W. 19th St., New York 11, N. Y.
MILPRINT, INC., 4200 N. Holton St., Milwaukee S, Wis.
Milwaukee Label & Seal Co., 928 N. Jefferson St., Milwau-

kee 2. Wis. Nielsen Lithographing Co., 4142 Airport Rd., Cincinnati 26 O

Orchard Paper Co., 3914 N. Union St., St. Louis 15, Mc., Packaging Products, Inc., 111 W. Fifth St., Kansas City, Mo. Rap-in-Wax Paper Co., 150 26th Ave. S.E., Minneapolie

Rotogravure Packaging, Inc., 820 N. Cicero Ave., Chicago, TIL Security I Lithograph Co., 200 Broadway, San Francisco

Shuman Labels, 600 W J.ackson Blvd., Chicago 6, Ill. The Specialty Paper Co., 802 Miami Chapel Rd., Dayton, Ohio.

M. Steigerwald Co., 910 W. Van Buren St., Chicago 16,

Ohio.
A. M. Steigerwald Co., 910 W. Van Buren St., Ch. 111.
St. Louis Sticker Co., 1907 Locust St., St. Louis 3, Mo. TOMPKINS LABEL SERVICE, Frankford Ave., at Allegheny Ave., Philadelphia 34, Pa. Topflight Corp., 140 E. 9th Ave., York, Pa. E. W. Twitchell, Inc., Packaging Division, 2806 N. Third St., Philadelphia 33, Pa. Usione Printed Products Co., 2222 N. 13th St., Terre Haute,

Printing & Lithograph Co., 342 Beech St., Cincinnati 12, O.
Joseph Weil & Sons, Inc., 1401 S. Clinton St., Chicago 7, III.

LABELS: Heat Seal

Aldine Paper Co., Inc., 585 Fifth Ave., New York, N. Y. Allen Hollander Co., Inc., 385 Gerard Ave., New York 51, N. Y Cameo Die & Label Co., 154 W. 14th St., New York 11, N. Y.

N. Y. Carter, Rice & Co., Corp., 273 Summer St., Boston 1, Mass. Carton Label & Lithograph Co., 200 Broadway, San Francisco 11, Calif.
Cello-Masters, Inc., 1155 Randall Ave., New York 59, N. Y. Consolidated Lithographing Corp., 1013 Grand St., Brooklyn 11, N. Y. Continevtal Can Co., 100 E. 42nd St., New York 17, N. Y. Continevtal Can Corp., 6225 W. Diversey Ave., Chicago 35, Ill. Dennison Mfg. Co., 300 Howard St., Framington, Mass. Ever Ready Label Corp., 357A Cortlandt St., Belleville 9, N. J.

N. J. Fenton Label Co., 506 Race St., Philadelphia 6, Pa. Flewing-Potter Co., Inc., 1028 S. Adams Peoria, Ill. Folicraft Printing Corp., 3611 14th Ave., Brooklyn 18, N. Y. The Foxon Company, 225 West Park St., Providence 1, R. I. Fraser Johel Co., 72 Federal St., Chicago 5, Ill. N. T. Gates Co., 6845 Westfield Ave., Camden, N. J. Lachmann-Novasel Corp., 109 Greene St., New York 12, N. Y.

N. Y. Lamboy Label & Wrapper Co., 2129 Portage St., 29F, Mich. The Lord Baltimore Press, Inc., 1601 Edison Highway, Baltimore 13, Md. Mark' Andv. Inc., 153 W. Argonne St., St. Louis 22, Mo. Marathon Corp., Menasha, Wis. Matthias Paper Corp., 165 W. Berks St., Philadelphia 22, P. P.

Pa.
J. I. May Co., 111 W 19th St., New York 11, N. Y.
McLaurin-Jones Co., Mill St., Brookfield, Mass.
The Mead Corporation, Specialty Products Division, Dept. The Mead Cornoration, Specialty Products Division, Dept. 51, Chillicothe, Ohio Michigan Lithographing Co., 1 Carlton S.E., Grand Rapids 6, Mich. Mid States Gummed Paper Co., 6850 S. Harlem, Bedford Park, Ill. Miller & Miller, Inc., P. O. Box 865, Atlanta 1, Ga. Milwaukee Label & Seal Co., 928 N. Jefferson Ave., Milwaukee Label & Seal Co., 928 N. Jefferson Ave., Mil-

waukee 2. Wis.

Wather 5, W18.

Nashua Corp., 44 Franklin St., Nashua, N. H.

Oberly & "ewell Lithograph Corp., 545 Penrl St., New

York 7, N. Y. York 7. N. Y. Package Products Co., Inc., 1930 Camden Road, Charlotte 1, N. C. Packaging Products, Inc., 111 W. Fifth St., Kansas City,

Mo. Ridgway Lithograph Co., 1516 12th Ave., Seattle 22, Wash. St. Louis Sticker Co., 1966 Pine St., St. Louis 9, Mo. Shuman Labels, 606 W. Jackson Blvd., Chicago 6, Ill. Standard Paper Co., Inc., Granger St., Bellows Falls, Vermont

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TOMPKINS LABEL SERVICE, Frankford Ave. at Allegheny Ave., Philadelphia 34, Pa.

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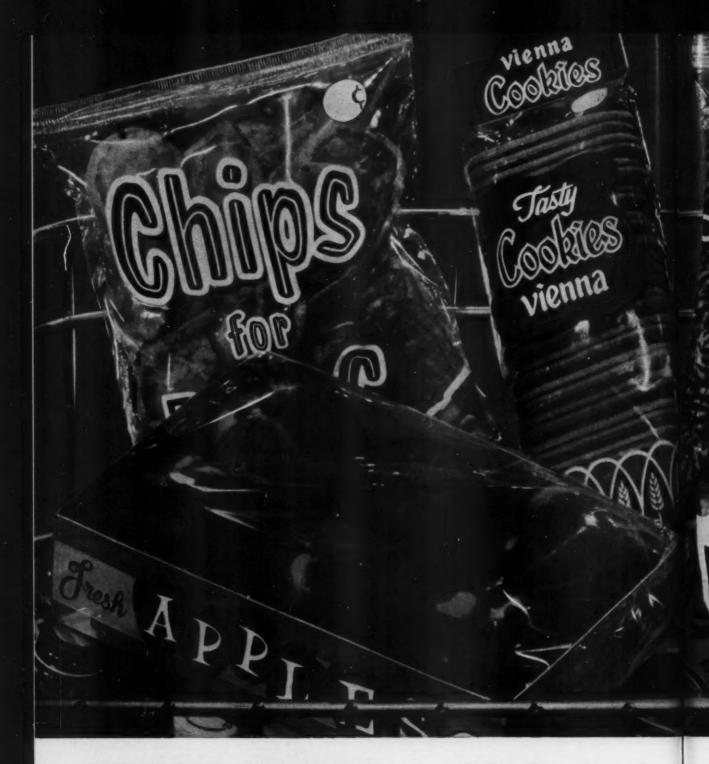
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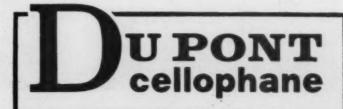


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Labels: Heat Seal (con't)

Topflight Corp., 160 E. 9th Ave., York, Pa. Unique Printed Products Co., 2222 N. 13th St., Terre Haute, Unique Frinted Froducts Co., 225 to 1nd.
The United States Printing & Lithograph Co., Beech St., Cincinnati 12, Ohio
Joseph Weil & Sons, Inc., 1401 S. Clinton St., Chicago 7, Ill.
Werner Box Co., 236 Crane St., Reading, Pa.
Western Lithograph Co., 600 E. 2nd St., Los Angeles, Calif.
Wyomissing Glazed Paper Co., 17 So. 2nd Ave., West
Reading, Pa.

LABELS: Bag Header

Plas-ties Co., 624 Poinsettia, Santa Ana, Calif. Tompkins's Label Service, Frankford Ave. at Allegheny Ave., Philadelphia 34, Pa.

LACE: Box & Pail (Strip, Circles, etc.)

American Lace Paper Co., 4425 N. Port Washington Rd., Milwaukee 12, Wis. N. T. Gates Co., 6845 Westfield Ave., Camden, N. J., Mansell Hunt, Catty & Co., Inc., 160 Varick St., Fow York Matthias Paper Corp., 165 W. Berks St., Phila: alphia 22, Frank M. Sayford Co., Inc., 50 Washington, Brooklyn 1, N. Y.

LINERS: Box

American Lace Paper Co., 4425 N. Port Washington Rd., Milwaukee 12, Wis.
American Tissue Mills, 12 Crescent St., Holyoke, Mass. Arkell Safety Bag Co., 10 E. 40th St., New York 16, N. Y. Bakers & Confectioners Paper Specialty Corp., 2001 Tonnelle Ave., No. Bergen, N. J. Bemis Bro. Bag Co., 408 Pine St., St. Louis 2, Mo. W. J. BRADFORD PAPER Co., 3742 S. Ashiana Ave., Chicago 9, Ill. (also Boats & Trays)
Bulkley Dunton & Co., Inc., 295 Madison Ave., New York 17, N. Y.
Cincinnati Industries, Inc., P. O. Box 38, Cincinnati 15, Orystal Tube Corp., 6825 W. Diversey Ave., Chicago 35, Ill. Fort Trumbuli Paper Corp., 38 Canal St., New Haven, Conn. Handy Card and Paper Co., 170 School St., Somerville 45, Mass.

Handy Mass.

Mass.
Hazen Paper Co., 288 Race St., Holyoke, Mass.
Henle Wax Paper Mfg. Co., Inc., 1428 Longfellow Ave.,
Bronx 59, N. Y.
R. R. Heywood Co., 9th Ave. at 26th St., New York 1,
N. Y.
Kehr Products Company, 429 N. Broad St., Philadelphia
8, Pa.
Kupfer Broad Co., 28 August 2000.

Kupfer Bros. Co., 2-8 Astor Pl., New York 3, N. Y. Malanco, Inc., 2200 W. 138th St., Blue Island, III. Matthias Paper Corp., 165 W. Berks St., Philadelphia 22, Pa.

Menasha Printing Co., Menasha, Wis.
MILPRINT, INC., 4200 No. Holton, Milwaukee 1, Wis.
Mutual Paper Box Co., 1800 W. Harrison St., Chicago 7, Ill.
Orchard Paper Co., Inc., 3914 No. Union Blvd., St. Louis 15,
Monard Paper

Mo.
Package Products Company, 1930 Camden Road, Charlotte, No. Car.
Paper Goods Co., 270 Albany St., Cambridge 39, Mass.
Paterson Parchment Paper Company, Bristol, Pa.
Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.
H. N. Saylor Co., 2828 Brannon Ave., St. Louis 9, Mo.
The Specialty Papers Co., 802 Miami Chapel Rd., Dayton. Ohio

H. N. Saylor Co., 2828 Brannon Ave., St. Louis 9, Mo. The Specialty Papers Co., 802 Miami Chapel Rd., Dayton, Ohio
Sherman Paper Products Corp., Upper Newton Falls 64, Mass.
GEORGE H. SWEETNAM, INC., 286 Portland St., Cambridge 41, Mass. (Also Case & Barrel)
Transparent Protection Co., 16 Lawrence St., Newark 2, N. J.
W. Twombly Co., 148 Mystic Ave. Medford, Mass.

C. W. Twombly Co., 146 Mystic Ave., Medford, Mass. Union Bag and Paper Corp., 233 Broadway, New York 7, N. Y. United Container Co., 56th & Lancaster Ave., Philadelphia

31. Pa. Utility Plastic Bag Co., 3805 S. Racine Ave., Chicago, Ill. Joseph Well & Sons, Inc., 1401 S. Clinton St., Chicago 7, Ill.

LINERS: Shipping Cartons (Moisture proof)

Bemis Bro. Bag Co., 408 Pine St., St. Louis 2, Mo. Central States Paper and Box Co., 5221 Natural Bridge, St. Louis 15, Mo. Cincinnati Industries, Inc., P. O. Box 38, Cincinnati 15, O. Cornell Paperboard Products Co., 1514 E. Thomas Ave., Milwaukee 1, Wis. Crook Paper Box Co., 110 E. 10th St., North Kansas City, Menle Wax Paper Mfg. Co., Inc., 1422 Tenning St. Co., 55, No. Mo. Henle Wax Paper Mfg. Co., Inc., 1428 Longfellow Ave., Bronx 59, N. Y. Hercules Box Co., 521 Marion Road, Columbus 7, O. Matthias Paper Corp., 165 W. Berks St., Philadelphia 22,

Pa.

Pa.

Mfg. Co., 2057 Reading Rd., Cincinnati, Ohio

Nicolet Paper Corp., West DePere, Wis.

Orchard Paper Co., 3914 No. Union Blvd., St. Louis 15, Mo.

Paterson Parchment Paper Company, Bristol, Pa.

Thilmany Pulp & Paper Co., Kaukauna, Wisc.

United Container Co., 56th & Lancaster Ave., Philadelphia

21 Pa.

31, Pa.
Joseph Weil & Sons, Inc., 1401 S. Clinton St., Chicago 7, Ill.

MACHINERY: Packaging See MACHINERY SECTION

NOVELTIES: Miscellaneous

Adler Favor & Novelty Co., 2214 Dolman St., St. Louis Mo. Economy Cover Corp., 33 E. 33rd St., New York 16, N. Y. Enterprise International, 320 W. 37th St., New York 18, N. Y. (Tinsel wire)
Forbes Lithograph Mfg. Co., Box 513, Boston 2, Mass. M. H. Levine Co., Inc., 28-32 W. 27th St., New York 1, N. Y. Mason Bros. & Tarlin, Inc., 73 High St., Boston 10, Mass. Miya Flower & Novelty Co., Inc., 39 E. 28th St., New York 15, N. Y. Mutual Paper Box Corp., 1500 W. Harrison St., Chicago 7, Ill. 7, III. Plastic Artisans, Inc., 70 Westchester Ave., White Plains, N. Y. S. Romeo Flower Co., 7308—15th Ave., Brooklyn 28, N. Y. S. Romeo Flower Co., 7308—19th Ave., New York 1, N. Y.
(flowers)
Saben Glass Co., 230 5th Ave., New York 1, N. Y.
Schall & Co., 107 Franklin St., New York 13, N. Y.
Star Band Company, Inc., Broad & Commerce Sts., Portsmouth. Va.
Stichler & Co., 110 S. 9th St., Reading, Pa.
James Thompson & Co., Inc., 112 Prince St., New York 12,
N. Y.
The Towerst Rubber Co., East 7th St., Ashland, Ohio. The Toycraft Rubber Co., East 7th St., Ashland, Ohio. West Bend Aluminum Co., West Bend, Wis.

NOVELTY and SPECIALTY CONTAINERS American Coating Mills, Div. Owens-Illinois Glass Co., 141 W. Jackson Blvd., Chicago 4, Ill. Animal Trap Co. of America, Molded Products Div., Litits, Pa. Burt Co., Inc., 514 Seneca St., Buffalo 4, N. Y. Geo. V. Clark Co., Inc., 26-15 4th St., Astoria 2, L. I., N. Y. Consolidated Paper & Box Mfg. Co., 419 E. Canal St. Richmond 19, Va. Richmond 19, Va.
COOPER PAPER BOX CORP., 19 Harwood Place, Buffalo 16, N. Y.
The Dohar Co., 328 Pearl St., New York 38, N. Y.
DeLuxe Craft Mfg. Co., 1579 Milwaukes Ave., Chicago 22, 111.
Ekco-Alcoa Containers, Inc., Wheeling, Ill. (foil)
FANCY CONTAINER DIV., I. B. CO., 150 Spring St., New York 12, N. Y.
Forbes Lithograph Mfg. Co., P. O. Box 513, Boston 2, Mass. J. & M. Heller Co., Inc., White Plains, N. Y.
J. E. Sales Company, 132 Spring St., New York 12, N. Y.
Jesse Jones Box Co., 5832 N. 15th St., Philadelphia 41, Pa.
(Mirror) (plastic)
A. Klein & Co., Inc., 113 W. 17th St., New York 11, N. Y.
Kobro Products, Inc., 1613 E. New York Ave., Brooklyn
12, N. Y.
McKee Division, Thatcher Glass Mfg. Co., Grand Central 12, N. Y.
McKee Division, Thatcher Glass Mfg. Co., Grand Central
Ave., Elmira, N. Y. (glass)
Merchants Box Co., 230 5th Ave., New York 1, N. Y. (wood)
(wood)
Mono Service Co., \$49 Oraton St., Newark, N. J.
Mutual Paper Box Corp., 1500 W. Harrison St., Chicago Mutual Paper Box Corp., 1500 W. Harrison St., Chicago 7, Ill.

National Can Corp., 110 E. 42nd St., New York 17, N. Y.

Northwestern Paper Box Co., 3131 Western Ava., Seattle
1, Wash.

Oneida Paper Products, Inc., 10 Clifton Bivd., Clifton, N. J.

Paper Goods Co., Inc., 270 Albany St., Cambridge 23, Mass.

Paper Package Co., 500 S. Delaware St., Indianapolis 6, Ind.

Pilliod Cabinet Cc., Swanton, O.

The Piqua Paper Box Co., 516 Covington Ave., Piqua, O.

Plastic Artisans, Inc., 70 Westchester Ave., White Plains, N. Y. Puget Sound Paper Box Co., 707 Snoqualmie St., Seattle 8. Wash.
Pulp Reproduction Co., 2000 W. Clark St., Milwaukee 45 Wisc. Wisc.
Revere Copper & Brass, Inc., Rome, N. Y.
Reynolds Metals Co., Richmond 19, Va.
Max Rubin & Sons, 53 Greene St., New York 13, N. Y.
Saben Glass Co., 230 5th Ave., New York 1, N. Y.
A. C. Schaefer Co., 306 Vallejo Dr., Glendale, Calif.
F. J. Schleicher Paper Box Co., 1811 Chouteau Ave., St.
Louis, Mo.
Seymour Products Co., Seymour, Conn.
The S. K. Smith Co., 3857 N. Western Ave., Chicago 18, Ill.
Star Band Company, Inc., Broad & Commerce Sts., Portsmowth, Va.
Transparent Specialities Mfg. Co., 1120 Carnegie Ave
Cleveland 15, Ohio.
United Board & Carton Corp., 285 Madison Ave., New
York 17, N. Y.
United Paper Box Co., 460 Bryant St., San Francisco 7, United Paper Box Co., 460 Bryant St., San Francisco 7, Calif.

Universal Folding Box Co., Inc., Madison & 18th St., Hoboken, N. J.

Monoken, N. J.
Wayne Novelty Corp., P. O. Box No. 188, Decatur, Ind.
Weinman Bros., 2260 W. Grand Ave., Chicago 51, Ill.
(Rigid Transparent)
Williams Bros. Paper Box Co., 1101 Broad St., St. Joseph, Mich.

Wing Paper Box Co., Inc., Hendersonville, N. C. C. J. Youse Co., Holliday & Saratoga Sts., Baltimore 2, Md.

PADDING: Box

American Excelsior Corp., 1000 No. Halsted St., Chicago 22, Ill. 22, Ill.
American Lace Paper Co., 4425 N. Port Washington Rd.,
Milwaukee 12, Wis.
N. T. Gates Co., 6845 Westfield Ave., Camden, N. J.
General Cellulose Co., Inc., Garwood, N. J.
Handy Card and Paper Co., 170 School St., Somerville 45, The Henle Wax Paper Mfg. Co., Inc., New York 59, N. Y. Kimberly-Clark Paper Co., Weenah, Wisc. A. E. MacAdam & Co., Inc., 95 Lexington Ave., Brooklyn 5, N. Y. Mansell, Hunt, Catty & Co., 160 Varick St., New York, Mutual Paper Box Corp., 1500 W. Harrison St., Chicago 7, III. Paper Goods Co., Inc., 270 Albany St., Cambridge 39, Mass. Frank M. Sayford Co., Inc., 50 Washington, Brooklyn 1, N. Y.
F. J. Schleicher Paper Box Co., 1811 Chouteau Ave., St. Louis 3, Mo. Sherman Paper Products Corp., Newton Upper Falls 64, Sherman Paper Products Corp., Newton Upper Falls 64, Mass.
GEORGE H. SWEETNAM, INC., 286 Portland St., Cambridge 41, Mass. (Also Case & Barrel)
Packaging Div., E. W. Twitchell, Inc., 2801 N. 3rd St., Philadelphia 20, Pa.
Union Wadding Co., 125 Goff Ave., Pawtucket, R. I.
Joseph Weil & Sons, Inc., 1401 S. Clinton St., Chicago 7, Ill.
Zimmer Paper Products, 1450 E. 20th St., Indianapolis 7.
Ind.

PAIL: Circles See LACES

PAILS: Fibre

Animal Trap Co. of America, Litits, Penna, Bloom Products, 1133 Broadway, New York 10, N. Y. Continental Can Co., 100 E. 42nd St., New York 17, N. Y. The Master Package Corp., Owen, Wis. Molded Fiberglass Tray Co., Linesville, Pa.

PAPER: Glassine and Greaseproof

Cushion Pack, Inc., 150 Fifth Ave., Hawthorne, N. J. DANIELS MANUFACTURING CO., 114 W. Kemp St., Rhine-lander, Wis. Deerfield Glassine Co., Monroe Bridge, Mass. Gaylord Container Corp., 111 N. 4th St., St. Louis 2, Mo. Glassine Paper Co., West Conschooken, Pa. Hamersley Mfg. Co., Garfield, N. J. Hartford City Paper Co., Hartford City Ind. Kalamazoo Vegetable Parchment Co., Kalamazoo, Mich. Matthias Paper Corp., 165 W. Berk St., Philadelphia 22, Pa. MILPRINT, INC., 4200 N. Holton St., Milwaukee 1, Wis. MURNANE PAPER CO., 1510 N. Kastner Ave., Chicago 51, Newark Paraffine Paper Co., 70 Blanchard St., Newark 5, N. J.

RHINELANDER PAPER CO., Portland, Ore.

RHINELANDER PAPER CO., Rinelander, Wis.

Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.

GEORGE H. SWEETNAM, INC., 286 Portland St., Cambridge 41, Mass.

Thilmany Pulp & Paper Co., Kaukauna, Wis.

E. W. Twitchell, Inc., Packaging Div., 2806 N. Third St., Philadelphia 33, Pa.

Westfield River Paper Co., Inc., Russell, Mass.

PAPER: Label (Plain or Gummed)—See Labels

PAPER: Lace—See Lace

PAPER: Lining—See Liners

PAPER: Moisture Proof

Albemarle Paper Mfg. Co., Richmond 17, Va.
Carter Rice & Company, 272 Summer St., Boston 1, Mass.
Cincinnati Industries, Inc., P. O. Box 38, Cincinnati 15, Ohio
Continental Can Co., 190 E. 42nd 8t., New York 17, N. Y.
Dixie Wax Paper Co., 1300 S. Polk St., Dallas 22, Texas
Harry Elias & Co., Inc., 211 E. 12th St., New York 3, N. Y.
Hasen Paper Co., 208 Race St., Holyoke, Mass.
Henie Wax Paper Mfg. Co., Inc., 1428 Longfellow Ave.,
Bronx 59, N. Y.
The KVP Company, Kalamazoo, Mich.
Lachmann-Novasel Corp., 109 Greene St., New York 12,
N. Y.
A. E. MacAdam & Co., Inc., 95 Lexington, Ave., Provider MacAdam & Co., Inc., 95 Lexington Ave., Brooklyn 5, N. Y.

Marathon Corporation, Menasha, Wis.

Matthias Paper Corp., 165 W. Berks St., Philadelphia 22, Pa. MILPRINT, INC., 4200 N. Holton, Milwankee 8, Wis. Nashua Gummed & Coated Paper Co., 44 Franklin St., Nashua, N. H. Nicolet Paper Corp., West DePere, Wis.

Paper Service Co., Lockland (Cincinnati), Ohio.
Printon Corp., 304 E. 23rd St., New York 10, N. Y.
Rexford Paper Co., 1715 W. Canal St., Milwaukee 3, Wis.
RHINELANDER PAPER CO., Rhinelander, Wis.
Rlegel Paper Corp., 260 Madison Ave., New York 16, N. Y.
Sani Wax Paper Co., 436 N. Park St., Kalamasoo 11, Mich.
Specialty Package Div., Leeds Sales Co., Inc., 294 5th Ave.,
New York 1, N. Y.
The Specialty Papers Co., 802 Miami Chapel Rd., Dayton 8, Ohio The Specialty Papers Co., to ton 8, Ohlo GEO. W. SWEETNAM, INC., 286 Portland St., Cambridge GEO. W. SWEETNAM, INC., 286 Portland St., Cambridge Thilmany Pulp & Paper Co., Kaukauna, Wis. Union Bag and Paper Corp., 233 Broadway, New York 7, N.Y.

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United Paper Co., E. Braintree, Mass. Joseph Weil & Sons, Inc., 1401 S. Clinton St., Chicago 7, Ill. Westfield River Paper Company, Inc., Russell, Mass.

PAPER: Shredded

Aldine Paper Co., Inc., 525 Fifth Ave., New York, N. Y. Brooks Paper Co., 460 Security Bldg., St. Louis 2, Mo. (wax, cellophane) COOPER PAPER BOX CORP., 19 Harwood Place, Buffalo 16, N. Y.

The Crystal Tissue Co., Middletown, Ohio
Fabricon Products, Inc., 1721 W. Pleasant Ave., River
Rouge, Mich.
General Waxed Paper Co., 1700 Canal St., Chicago 16, Ill.
Inland Container Corp., 700 W. Morris, Indianapolis 6, Ind.
A. E. Macdam & Co., Inc., 95 Lexington Ave., Brooklyn
5, N. Y.
Metlon Corp., 432 Fourth Ave., New York 16, N. Y.
Newark Paraffine Paper Co., 70 Blanchard St., Newark 5, N.
Packaging Div., E. W. Twitchell Inc., 2801 N. 3rd St.,
Philadelphia 20, Pa.
Paramount Packaging Corp., 3111 W. Allegheny Ave.,
Philadelphia 32, Pa. (cellophane)
Paterson Parchment Paper Co., Bristol, Pa.
Ploneer Paper Stock Co., 448 W. Ohio, Chicago 11, Ill.
Rosenthal Paper Co., 200 Lynch St., St. Louis 18, Mo.
Sani Wax Paper Co., 436 N. Park St., Kalamasoo 11, Mich.
Star Band Company, Inc., Broad & Commerce Sts., Portsmouth, Va.
GEO. H. SWEETNAM, INC., 286 Portland St., Cambridge
41, Mass. 41, Mass.
Thilmany Pulp & Paper Co., Kaukauna, Wisc.

PAPER: Vegetable Parchment

Aldine Paper Co., 535 Fifth Ave., New York, N. Y. Atlanta Paper Co., P. O. Box 4417, Atlanta 2, Ga. W. J. Bradford Paper Co., 3742 S. Ashland Ave., Chicago 9, III. Rice & Company, 273 Summer St., Boston 1, Mass. Masters, Inc., 1155 Randall Ave., New York 59, N. Y. (printed)
Comet Envelope & Paper Co., 5 E. 17th St., New York 3, Handy Card & Paper Co., 170-174 School St., Somerville 45, Kalamazoo Vegetable Parchment Co., Kalamazoo, Mich. Til.
The Paterson Parchment Paper Co., Bristol, Pa.
Rosenthal Paper Co., 200 Lynch St., St. Louis 13, Mo.
Shawmut Waxed Paper Co., Holliston, N. Y.
Packaging Div., E. W. Twitchell, Inc., 2301 N. 3rd St.,
Philadelphia 20, Penna.
West Carrolton Parchment Co., West Carrolton, Ohio.
Westfield Paper Co., Russell, Mass.

PAPER: Woder

Nashua Corp., 44 Franklin St., Nashua, N. H. Schall & Co., 107 Franklin St., New York 13, N. Y. Schell & Co., 107 Franklin St., New York 13, N. Y. GEO. H. SWEETNAM, INC., 286 Portland St., Cambridge 41, Mass.

PAPER: Waxed (Plain, Colored, Printed, Twisting, Self-Sealing, Dry-Waxed, etc.)

Albemarle Paper Mfg. Co., Richmond 17, Va. American Tissue Mills, Holyoke, Mass. Badger Paper Mills, Inc., Peshtigo, Wis. W. J. Bradford Paper Co., 3742 S. Ashland Ave., Chicago 9, Ill. Carter Rice and Co., Corp., 273 Summer St., Boston 1, Mass. Central Paper Co. Inc., 2400 Lake Shore Drive, Muskegon, Mich.
Central States Paper & Bag Co., 5221 Natural Bridge, St.
Louis 15, Mo.
Central Waxed Paper Co., 5659 W. Taylor St., Chicago 44, Ill.
The Crystal Tissue Co., Middletown, Ohlo.
Deerfield Glassine Co., Inc., Monroe Bridge, Mass.
Louis DeJonge & Co., 345 Broadway, New York 13, N. Y.
Detroit Wax Paper Co., 1721 Pleasant Ave., River Rouge,
Mich.

Diamond T. Waxed Paper Co., 112 N. May St., Chicago 7, Dixie Wax Paper Co., P. O. Box 5097, Dallas, Tex., Fabricon Products, Inc., 1721 Pleasant St., River Rouge 18, Fabricon Products of Connecticut, Inc., Waxed Paper Div., 587 Hollister Ave., Bridgeport 7, Conn. General Waxed Paper Inc., 1700 Canal St., Chicago 16,

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Hammersley Mfg. Co., Garfield, N. J.
Henle Wax Paper Mfg. Co., Inc., 1428 Longfellow Ave.,
New York 59, N. Y.
Kalamazoo Vegetable Parchment Co., Kalamazoo, Mich.
Lachmann-Novasel Corp., 109 Greene St., New York 12,
N. Y.

N. Y.
Marathon Corp., Menasha, Wis.
Menosha Products Co., Menesha, Wis.
MILPRINT, INC., 4200 N. Holton, Milwaukee S, Wis.
Nashua Gummed & Coated Paper Co., Nashua, N. H.
Newark Paraffine Paper Co., 70 Blanchard St., Newark 5,
N.J.

N.J.
Ohlo Wax Paper Co., Columbus, Ohio.
Oneida Paper Products, Inc., 10 Clifton Blvd., Clifton, N. J.
Orchard Paper Co., 3914 N. Union St., St. Louis 15, Mo.
The Paterson Parchment Paper Co., Bristol, Pa.
Pollock Paper Corp., 2236 So. Lamar, Dallas 2, Texas
Rapinwax, Inc., 150—26th Ave., Minneapolis, Minn.
Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.
Robertson Paper Co., Inc., Bellows Falls, Vt. (tissue)
Frank M. Sayford Co., 50 Washington St., Brooklyn 1,
N. Y.

Frank M. Saylord Co., so washington St., Brooklyn A. N. Y.
Shawmut Waxed Paper Co., Holliston, Mass.
Southern Paper Co., Ltd., New Orleans, La.
Southern Waxed Paper Co., \$40 Woodrow Ave., S. W.,
Atlanta, Ga.
The Specialty Papers Co., 802 Miami Chapel Rd., Dayton I, Ohio
GEO. H. SWEETNAM, INC., 286 Pertiand St., Cambridge
41, Mass.
The Unger Co., 1273 W. 9th St., Cleveland 13, Ohio.
The Waterproof Paper & Board Co., 47 E. 8th St., Cincinnati, Ohio.
Waxed Products Co., Inc., Bush Terminal, Brooklyn, N. Y.
Joseph Weil & Sons, Inc., 1401 S. Clinton St., Chicago 7, Ill.
West Carrollton Parchment Co., West Carrollton, Ohio.
Westfield River Paper Company, Inc., Russell, Mass.
Wyoming Valley Paper Mills, Northumberland, N. H.
Zimmer Paper Products, 1456 E. 20th, Indianapolis, Ind.

PAPER: Wrapping (Plain and Fancy)

Albemarie Paper Mfg. Co., Richmond 17, Va. American Tissue Mills, Holyoke, Mass. (Holly) Central Paper Co. Inc., 2400 Lake Shore Drive, Muskegon,

Mich.
Central States Paper & Bag Co., Inc., 5221 Natural Bridge,
St. Louis 15, Mo.
Louis Dejonge & Co., 345 Broadway, New York 13, N. Y.
Harry Elias & Co. Inc., 211 E. 12th St., New York 3, N. Y.
Fabricon Products, Inc., 1721 Pleasant St., River Rouge
18, Mich.

18, Mich.
Gaylord Container Corporation, 111 No. 4th St., St. Louis
2. Mo.
General Waxed Paper Corp., 1600 S. Canal St., Chicago 16,

General Waxed Paper Corp., 1800 S. Canal St., Chicago 16, Ill.
Kalamazoo Vegetable Parchment Co., Parchment, Mich.
Kupfer Bros. Co., 2 Astor Pl., New York 3, N. Y.
Marathon Corporation, River St., Menasha, Wis.
National Consumers Paper Co., 227 Ave. of the Americas,
New York 14, N. Y.
Oberly & Newell Lithograph Corp., 545 Pearl St., New
York 7, N. Y.
Orchard Paper Co., 2914 No. Union Bivd., St., Louis 15, Mo.
Rapinwax Paper Co., 176 W. Adams, Chicago 7, Ill.
(transparent)
RHINELANDER PAPER COMPANY, 515 W. Davenpert St.,
Rhinelander, Wis.
Rosenthal Paper Co., 200 Lynch St., St. Louis 18, Mo.
Sherman Paper Products Co., Newton Upper Falls 64,
Mass.
Tillmany Pulp & Paper Co., Kaukauna, Wisc.
E. W. Twitchell, Inc., Packaging Division, 2806 N. Third
St., Philadelphia 33, Pa.
Union Bag and Paper Corp., 233 Broadway, New York 7,
N. Y.

PARTITIONS: Box -See Dividers

PARTITIONS: Pail

American Partition Co., 3043 N. 30th St., Milwaukee 10. Wis.
W. J. BRADFORD PAPER CO., 3742 S. Ashland Ave., Chreage 9, Ill.
Chicago Carton Co., 4200 S. Pulaski Rd., Chicago 32, Ill.
MOGET BOXES, Inc., 4949 N. Pulaski Rd., Chicago 30, Ill.
MURNANE PAPER CO., 1510 N. Kostner Ave., Chicago ol, III. Sherman Paper Products Corp., Newton Upper Falls 64, Mass.

RIBBONS: Fabric

American Ribbon Manufacturers, Inc., 11 E. 26th St., New York 10, N. Y.
Buser, Inc., 58 W. 40th St., New York, N. Y.
Chicago Printed String Company, 2300 Logan Blvd., Chi-cago 47, Ill.
Colonial Ribbon Mills Corp., 95 Madison Ave., New York 16, N. Y.
Concord Ribbon Corp., 95 Madison Ave., New York 16, N. Y.
H. H. Levine Co., Inc., 28 W. 27th St., New York 1, N. Y.
National Ribbon Corp., 38-68—13 St., Long Island City 1, N. Y. Minnesota Mining & Mfg. Co., 791 Fourth St., St. Paul, Minn. Wm. E. Wright & Sons, West Warren, Mass.

RIBBONS: Film

Central States Paper and Bag Co., 5221 Natural Bridge, St. Louis 15, Mo.
Crystal Tube Corp., 6625 W. Diversey Ave., Chicago 35, Ill.
Dow Chemical Co., Midland, Mich.
N. T. Gates Co., 6845 Westfield Ave., Camden, N. J.
H. H. Levine Co., 28 W. 27th St., New York 1, N. Y.
Melton Corp., 432 Fourth Ave., New York 16, N. Y.
National Ribbon Corp., 38-68—13 St., Long Island City 1, N. Y. Printon Corp., 304 E. 23rd St., New York 10, N. Y. Topflight Corp., 160 E. 9th Ave., York, Pa.

RIBBONS: Paper

American Partition Co., 3043 N. 30th St., Milwaukee 10, Chicago Printed String Co., 2300 Logan Blvd., Chicago 47, III.
H. H. Levine Co., Inc., 23 W. 27th St., New York 1, N. Y.
Orchard Paper Co., 3914 N. Union St., St. Louis 15, Mo.
Palm, Fechteler & Co., Inc., 85 Maple St., Weehawken, N.J.
W.E.R. Ribbon Corp., 440 4th Ave., New York 18, N. Y.
Topflight Corp., 160 E. 9th Ave., York, Pa.

SEALS: Embossed (Gummed)

Arkadia Label Co., 126 W. 22nd St., New York 11, N. Y. Allen Hollander Co., Inc., 385 Gerard St., New York 51, N. Y. Allen Hollander Co., Inc., 385 Gerard St., New York 51, N. Y.

Avery Adhesive Label Co., 1616 S. California Ave., Monrovia, Calif.

Bartlett Label Co., 2125 Portage St., Kalamazoo, Mich.
Cameo Die & Label Co., 154 W. 14th St., New York 11, N. Y.
Dennison Mfg Co., 300 Howard St., Framingham, Mass.

Ever Ready Label Corp., 357 Cortlandt St., Believille's, N. J.
Fenton Label Co., 508 Race St., Philadelphia 6, Pa.
Foileraft Printing Corp., 3611 14th Ave., Brooklyn 18, N. Y.
Fleming-Potter Co., 1028 S. Adams St., Peoria, Ill.
The Foxon Co., 322 Federal St., Chicago S. Ill.
John Horn, 337 10th Ave., New York 19, N. Y. (gold)

Kirby-Cogeshall-Steinau Co., 606 E. Clybourn St., Milwaukee, Wis.

Richard M. Krause, Inc., 52 E. 19th St., New York, N. Y.
Lambooy Label & Wrapper Co., 2129 Portage St., Kalamazoo 29F, Mich. (and ungummed)

Mansell, Hunt, Catty & Co., Inc., 160 Varick St., New York 13, N. Y.
The J. L. May Co., Inc., 111 W. 19th St., New York 11, N. Y.
Milwaukee Label & Seal Co., 928 N. Jefferson St., Milwaukee 2, Wis.

Package Products, Inc., 1830 Camden Road, Charlotte 1, N. C.
Palm, Fechtoler & Co., Inc., 85 Maple St., Weehawken, N. J.

Revnolds Metals Co., Bichmond 14 Va. N. C.
Palm, Fechteler & Co., Inc., 85 Maple St., Weehawken, N.J.
Reynolds Metals Co., Richmond 19, Va.
St. Louis Sticker Co., 1907 Locust St., St. Louis 3, Mo.
Frank M. Sayford Co., Inc., 50 Washington St., Brooklyn
1, N. Y.
Frank G. Shuman Co., 600 W. Jackson Blvd., Chicago 8,
III. Tablet and Ticket Co., 1021 W. Adams S., Chicago 7, Ill. Unique Printed Products Co., Inc., 2222 N. 13th St., Terre Haute, Ind.
Chas. Weinhagen & Co., Inc., 476 Jackson St., St. Paul,

STICES: Sucker -See Machinery Section

TAG FASTENERS

Burgess Fastening Co., 1220 W. 9th St., Cleveland 13, O. (Staples)
Dennison Mfg. Co., 300 Howard St., Framingham, Mass.
Kwik Lok Corp., 17 N. 7th Ave., Yakima, Wash.
Markwell Mfg. Co., Inc., 300 Hudson St., New York 13, N. Y.
J. L. May Co., 111 W. 19th St., New York 11, N. Y.

TAGS: Marking and Shipping

Allen Hollander, Co., Inc., 385 Gerard Ave., New York 51, N. Y. N. Y.
American Tag Co., 6153 S. State St., Chicago 31, Ill.
Arkadia Label Corp., 126 W. 22nd St., New York 11, N. Y.
Dennison Mfg. Co., 300 Howard St., Framingham, Mass.
Mark' Andy. Inc., 152 W. Argonne, St. Louis 22, Mo.
Jas H. Matthews & Co., 3947 Forbes St., Pittsburgh 13, J. L. May Co., 111 W. 19th St., New York 11, N. Y. The Frank G. Shuman Co., 600 W. Jackson Blvd., Chicago 6, III.

TAPE: Decorative

Carry-Pack Co., Inc., 9525 Irving Pk. Rd., Shiller Park, Ill. Chicago Printed String Co., 2326 W. Logan Blvd., Chicago 47, Ill.

Ever Ready Label Corp., 257 Cortlandt St., Belleville 9, N. J. Forbes Lithograph Mfg. Co., P. O. Box 513, Boston 2, Mass. Mark' Andy. Inc., 153 W. Argonne, St. Louis 22, Mo. McLaurin-Jones Co., Mills St., Brookfield, Mass. Listings continued

Tape: Decorative (con't)

Metion Corp., 432 Fourth Ave., New York 16, N. Y.
MILPRINT, INC., 4300 N. Holton St., Milwaukee I, Wis.
Nashua Corporation, Nashua, N. H.
National Ribbon Corp., 38-68 13th St., Long Island City 1,
N. Y. N. Y.
Rexford Paper Co., 1715 W. Canal St., Milwaukee 3, Wis.
Rosenthal Paper Co., 200 Lynch St., St. Louis 18, Mo.
Specialty Package Div., Leeds Sales Co., Inc., 294 5th Ave.,
New York 1, N. Y.
Topflight Corp., 160 E. 9th Ave., York, Pa.
Transparent Product Co., 324 E. 24, New York 10, N. Y.
The Unger Co., 1273 W. 9th St., Cleveland 13, Ohie

TAPE: Transparent

Cello-Masters, Inc., 1155 Randall Ave., New York 59, N. Y. Comet Envelope & Paper Co., 5 E. 17th St., New York 3, N. Y. Continental Can Co., 100 E. 42nd St., New York 17, N. Y. Harry Elias & Co. Inc., 211 E. 12th St., New York 3, N. Y. N. Y.
Fibre Cord Div., Kary-Safe Paper Bag Co., Inc., 755 E.
134th St., New York 54, N. Y.
Gummed Tape & Devices Co., 1069 Rogers Ave., Brooklyn
26, N. Y.
Industrial Tape Corp., U. S. Highway No. 1, New Brunswick, N. J.
Kirchheimer Bros. Co., 429 W. Ohio St., Chicago 10, Ill.
Mark' Andy, Inc., 153 W. Argonne, St. Louis 22, Mo.
Minnesota Mining & Mfg. Co., 731 Fourth Ave., St. Paul,
Minn. Minn.
Specialty Package Div., Leeds Sales Co., Inc., 294 5th Ave.,
New York 1, N. Y.
Topfilght Corp., 160 E. 9th Ave., York, Pa.
Transparent Product Co., 324 E. 24, New York 10, N. Y.

TAPE: Gummed Sealing

Acme Folding Box Co., 200 Lynch St., St. Louis 13, Mo. Carry-Pack Co., Inc., 9525 Irving Pk. Rd., Shiller Park, Ill. Carter Rice & Company, 273 Summer St., Boston 1, Mass. Harry Elias & Co. Inc., 211 E. 12th St., New York 3, N. Y. Ever Ready Label Corp., 257 Cortlandt, Belleville, N. J.

The Gummed Products Co., Troy, Ohio. Gummed Tape & Devices Co., 1069 Rogers Ave., Brooklyn 26, N. Y.
Kirchhelmer Bros. Co., 429 W. Ohio St., Chicago 10, Ill., Mark' Andy, Inc., 153 W. Argonne, St. Louis 22, Mo. J. L. May Co., 111 W. 19th St., New York 11, N. Y. Mid-States Gummed Paper Co., Bedford Park, Ill. McLaurin-Jones Co., Brookfield, Mass.
Nashua Corp., 44 Franklin St., Nashua, N. H.
Paper Manufacturers Co., 5th & Willow Sts., Philadelphia, Pa. Nashua Corp., 4s Francisco, 5th & Willow Sts., Philadel-phila, Pa.
Paper Manufacturers Co., 5th & Willow Sts., Philadel-phila, Pa.
Rexford Paper Co., 3100 W. Mill Rd., Milwaukee 9, Wise.
Rosenthal Paper Co., 204 Lynch St., St. Louis 18, Mo.
Specialty Package Div., Leeds Sales Co., Inc., 294 5th Ave.
New York 1, N. Y.
Standard Paper Co., Inc., Bellows Falls, Vt.
Standard Paper Co., Inc., Bellows Falls, Vt.
The Unger Co., 1273 W. 9th St., Cleveland 13, Ohio.
Van Cleef Bros., 7800 Woodlawn Ave., Chicago 19, Ill.
(Colored)

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TRANSPARENT CONTAINERS: Rigid -See Boxes Plastic

TRAYS: Bar, etc.

J. BRADFORD PAPER Co., 3742 S. Ashland Ave, Chicago 9, III. Chicago Carton Co., 4200 S. Crawford Ave., Chicago 32, III Golden State Box Factory, 1200 E. 8th St., Los Angeles 21, MILPRINT, INC., 4200 N. Holton St., Milwaukee 1, Wis MOLDED FIBERGLASS TRAY CO., Lineaville, Pa. MURNANE PAPER CO., 1510 N. Kostner, Chicago 51, Ill National Folding Box Co., Inc., 405 Lexington Ave., New GEO. SWEETNAM, INC., 286 Portland St., Cambridge 41, Mass. Universal Folding Box Co., Inc., Madison & 13th Sts.

WRAPPER: Bar (See Films)

Merchandising Aids

ADVERTISING SPECIALTIES & NOVELTIES

Animal Trap Co. of America, Lititz, Penna.
V. O. Colson Co., Paris, Ill.
Consolidated Lithographing Corp., 1013 Grand St., Brooklyn 11, N. Y.
Embosograf Corp. of America, 38 West 21st St., New York
10, N. Y.
Ever Ready Label Corp., Belleville 9, N. J.
Forbes Lithograph Co. P. O. Bor. 10, N. Y.

For Ready Label Corp., Belleville 9, N. J.

Forbes Lithograph Co., P. O. Box 513, Boston 2, Mass.

Glue Fast Equipment Co., Inc., 9-11 White St., New York
18, N. Y.

Golden State Box Factory, 1200 E. 8th St., Los Angeles
21, Callf.

L. F. Grammes & Sons, Inc., 367 Union St., Allentown, Pa.

The Lederer Industries, Inc., 39 W. 19th St., New York
11, N. Y. 11, N. T. Old King Cole Displays, Inc., 620 N. Chapel St., Louisville, Old King Cole Displays, Inc., 620 N. Chapel St., Louisville, Ohio.
Gits Molding Corp., 4600 W. Huron St., Chicago, Ill.
Lutz & Sheinkman, 421 Hudson St., New York 14, N. Y.
Mark' Andy, Inc., 152 W. Argonne, St. Louis 22, Mo.
The Peltier Glass Co., 518 DeLeon, Ottawa, Ill.
Pencil Specialty Co., 1034 Clinton St., Hoboken, N. J.
B. Shackman & Co., 71 Madison Ave., New York 16, N. Y.
Standard Doll Co., 36 E. 22nd St., New York 10, N. Y.
Standard Doll Co., 36 E. 22nd St., New York 10, N. Y.
Superior Plastics, 414-430 No. Oakley, Chicago 12, Ill.
Topfilght Corp., 160 E. 9th Ave., York, Pa.
Toycraft Rubber Co., Ashland. O.
U. O. Colson Company, Paris, Illinois.
Van Brode Milling Co., Inc., Clinton, Mass.,
Warren Paper Products Co., 3200 South St., Lafayette,
Ind.
Western Lithograph Co., 600 E. 2nd St., Los Angeles, Calif.

ARTIFICIAL CANDIES

Bassons Moulded Products, 430 Nepperhan Ave., Yonkers Bassons Moulded Froquets, see Nopperium 27, N. Y. 3, N. Y.
S. J. Blume, Inc., 569 Broadway, New York 12, N. Y.
Chocolate Novelty Co., 2840 N. 7th St., Philadelphia 33, Pa.
The Edson Co., 6 Hazel Place, Lynbrook, L. I., N. Y.
C. G. Girolami & Co., 944 N. Spaulding Ave., Chicago 24, Ill.
KNECHTEL LABORATORIES, 1951 W. Berwyn Ave., Chicago Ill. eago, III. Old King Cole Displays, Inc., 820 N. Chapel St., Louisville. Kentucky.

BALLOONS: Advertising

Eagle Rubber Co., Inc., Ashland, Ohio.
Mason Bros. & Tarlin, Inc., 73 High St., Boston 10, Mass
Mohican Rubber Co., Ashland, Ohio.
The Oak Rubber Co., Ravenna, Ohio.
Pioneer Rubber Co., Willard, Ohio
B. Shackman & Co., 71 Madison Ave., New York 16, N. Y.
The Toycraft Co., 214 E. 7th St., Ashland, Ohio.

BOX HOLDERS

Buy-Vue Displays Co., 66-26 Grand Ave., Maspeth 78, N. Y. Western Lithograph Co., 600 E. 2nd St., Los Angeles, Calif.

CASES: Sample (Salesmen's)

Best Paper Box Co., 2021 W. Willow St., Chicago 47, Ill Knickerbocker Case Company, 674 N. Kingsbury St., Chi-cago 10, Ill. The S. K. Smith Company, 2857 No. Western Ave., Chicago 18, Ill.

CASES: Showcases (also refrigerated)

Columbus Showcase Co., 880 W. Fifth Ave., Columbus 12, Ohio.
Dayco Metal Products, 801 W. 12th St., Los Angeles 14 Calif. Calif.
Equipto Div. of Aurora Equipment Co., Aurora, Ili
(dealers)
Northwestern-Weiss Mfg. Corp., 1433 N. Water St., Milwaukee 8, Wis.
The S. K. Smith Company, 2857 No. Western Ave., Chicage
18, Il.
Store Kraft Mfg. Co., Beatrice, Neb.
Syndicate Glass, Inc. Inland Bldg., Indianapolis, Ind.
The Waddell Co., Inc., Greenfield, O.

DECALCOMANIA

American Decalcomania Co., 4844 W. Fifth Ave., Chicago Carton Label & Lithograph Co., 200 Broadway, San Francisco 11, Calif. Cello-Masters, Inc., 1155 Randall Ave., New York 59, N. Y. Forbes Lithograph Mfg. Co., Box 513, Boston 2, Mass. The Foxon Co., 235 W. Park St., Providence 1, R. I. Herald Press, Inc., 1930 Camden Rd. Charlotte 3, N. C. Master Craft Decalcomania Co., 4344 W. Fifth Ave., Chicago 24, Ill.
The Meyercord Co., 5823 W. Lake St., Chicago 44, Ill.
Package Products Co., Inc., 1930 Camden Road, Charlotte
1, N. C.

1, N. G.
Palm Brothers Decalcomania Co., 3729 Regent Ave., Cincinnati 12, O.
Palm, Fechteler & Co., Inc., 85 Maple St., Weehawken, N.J.
Topflight Corp., 160 E. 9th Ave., York, Pa.

DISPLAY: Baskets

Brookly

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tioner

American Merri-Lei Corp., 918 Halsey St., Brooklyn, N. Y. Consolidated Lithographing Corp., 1013 Grand St., Brooklyn 11. N. Y. Edwards & Deutsch Lithographing Co., 2320 Wabash Ave., Chicago 16, Ili. Einson-Freeman Co., Inc., Starr & Borden Ave., Long Island City 1, N. Y. Forbes Lithograph Co., P. O. Box 513, Boston 2, Mass. Oberly & Newell Lithograph Corp., 545 Pearl St., New York 7, N. Y. (plastic, bamboo)
Rosenthal Paper Co., 200 Lynch St., St. Louis 18, Mo. Superior Plastics, 414-430 No. Oakley, Chicago 12, Ili. Universal Folding Box, Inc., Madison & 13th Sts., Hoboken, N. J.

ridge 41 DISPLAY: Cases (counter)

American Products Co., 1501 Lattimer, Dallas 1, Texas The Columbus Show Case Co., 850 W. Fifth Ave., Columbus 12, O. Economy Glass Co., 4712 S. Cottage Grove Ave., Chicago 15, Ill. Fulton Glass Co., Hartford City, Ind. Lyon Metal Products, Inc., 5000 Montgomery St., Aurora, Ill. Northwestern-Weiss Mfg. Corp., 1433 N. Water St., Milwaukee 2, Wis.
Store Kraft Mfg. Co., Beatrice, Neb.
Syndicate Glass Co., Indiand Bldg., Indianapolis 4, Ind.
The Waddell Co., Inc., Greenfield, Ohio.

DISPLAY STANDS

3, III.

Binson-Freeman Co., Inc., Starr & Borden Ave., Long Island City 1, N. Y.

The Fogarty Mfg. Co., 100 E. Monument Ave., Dayton land City 1, N. Y.

The Fogarty Mfg. Co., 100 E. Monument Ave., Dayton 2, O.

Forbes Lithograph Mfg. Co., Box 513, Boston 2, Mass.

Hinde & Dauch Paper Co., Sandusky, O.

Industrial Finishing & Wire Products Mfg. Co., 1839 Linwood Blvd., Oklahoma City 6, Okla.

Lyon Metal Products, Inc., 5000 Montgomery St., Aurora, Ill. Mayer Mfg. Co., 3130 W. 51st St., Chicago 32, Ill. Monticello Mfg. Corp., 2200 South J., Elwood, Ind. Nelke Advertising Corp., 115 Worth St., New York 13, N. Y.

Buy-Vue Displays Co., 66-26 Grand Ave., Maspeth 78, N. Y Container Corp. of America, 38 S. Dearborn St., Chicago

Nelke Advertising Corp., 115 Worth St., New York 13, N. Y.
Oberly & Newell Lithograph Corp., 545 Pearl St., New York 7, N. Y.
Old King Cole Displays, Inc., 620 N. Chapel St., Louisville, Ohio
Ottawa River Paper Co., Toledo, O.
Louis Schulman Co., 465 Broome St., New York 13, N. Y.
Union Steel Products, Albion, Mich.
Chas Weinhagen & Co., Inc., 476 Jackson St., St. Paul, Minn.

DISPLAY TRAYS

Acme Folding Box Co. Inc., 149 E. 25th St. New York 10, N. Y. Buy-Yue Displays Co., 66-26 Grand Ave., Maspeth 78, N. Y. Ekco Products Co., 1949 M. Cicero Ave., Chicago 24, Ill. Golden State Box Factory, 1200 E. 8th St., Los Angeles 21, Calif. Kromex Corp., 880 E. 72nd St., Cleveland 2, O. Old King Cole Displays, Inc., 630 N. Chapel St., Louisvilleo Superior Folding Box Co., 4170 Geraldine Ave., St. Louis 15, Mo.

STANDARD CASING CO., 121 Spring St., New York 12, N. Y.

GLASS JARS: For Display

Anchor Hocking Glass Corp., Lancaster, Ohio. Canton Glass Company, Inc., P. O. Box 466, Marion, Indiana. Panay Horizontal Show Jar Co., 2784 N. 32nd St., Milwau-kee, Wis.

PREMITIMS

American Can Co., 250 Park Ave., New York 17, N. Y. Anchor Hocking Glass Corp., Lancaster, Ohio The Bates Mfg. Co., Orange, N. J.
The Belaire Enamel Co., Bellaire, Ohio.
Cello-Masters, Inc., 1155 Randall Ave., New York 59, N. Y.
U. O. Colson Company, Paris, Illinois.
Columbia Pencil Co., 29 W. 17, New York 11, N. Y.
Container Corp. of America, 38 S. Dearborn St., Chicago, III.

Daher Co., \$28 Pearl St., New York \$8, N. Y.

Donald Art Co., Mamaroneck, N. Y.

Dowst Mfg. Co., 4537 W. Fulton St., Chicago 24, Ill. (Consumer)

Eagle Pencil Co., 763 E. 18, New York 3, N. Y.

Einson-Freeman Co., Inc., Starr & Borden Ave., Long Island City 1, N. Y.

Forbes Lithograph Mfg. Co., P.O. Box 518, Boston 2, Mass.

General Pencil Co., 67 Fleet, Jersey City, N. J.

Glue Fast Equipment Co., Inc., 5-11 White St., New York

1. F. Grammes & Sons, Inc., 367 Union St., Allentown,

Pa. (Consumer & dealer)

Grossman Stamp Co., Inc., 551 Sixth Ave., New York 11,

N. Y. N. Y.

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N. Y.

Corp., 880 E. 72nd St., Cleveland 3, Ohio

The Lederer Industries, Inc., 39 W. 19th St., New York

11, N. Y. (Consumer & prize)

Mason Bros. & Tarlin, Inc., 73 High St., Boston 10, Mass.

Mayer Mfg. Corp., 3031 W. 51st St., Chicago, Iil.

The Master Package Corp., Owen, Wis.

The Meyercord Co., 5323 W. Lake St., Chicago 44, Ill. (consumer & dealer)

Miller & Miller, Inc., P. O. Box 865, Atlanta, 1. Ga. rne Meyercord Co., 5323 W. Lake St., Chicago 44, Ill. (consumer & dealer)
Miller & Miller, Inc., P. O. Box 865, Atlanta 1, Ga.
National Enameling & Stamping Co., 270 N. 12th, Milwaukee 1, Wis.
Oneida Paper Products, Inc., 10 Clifton Blvd., Clifton, N. J.
The Peltier Glass Co., 518 DeLeon St., Ottawa, Ill.
Pencil Specialty Co., Inc., 1015 Clinton St., Hoboken, N. J.
Ploneer Rubber Co., 941 Timn Road, Willard, Ohio.
Revers Copper & Brass, Inc., Rome Mfg. Co., Div., Rome,
N. Y. Saben Glass Co., 230 5th Ave., New York 1, N. Y. N. Shure Co., 500 N. Pulaski, Chicago 24, Ill. Standard Doll Co., 36 East 22nd St., New York 10, N. Y. Stuber & Kuck, Peoria, Ill. (Metal Specialists)
Superior Plastics, 414-430 No. Oakley, Chicago 12, Ill.
Toycraft Rubber Co., East 7th St., Ashland, Ohlo.
Warren Paper Products Co., 3200 South St., Lafayette,
Ind. (Consumer) West Bend Aluminum Co., West Bend, Wis. Western Lithograph Co., 600 E. 2nd St., Los Angeles, Calif.

SCALES: Counter

Barrett-Christie Co., 108 N. Clinton St., Chicago 6, Ill, Detecto Scales, Inc., 540 Park Ave., Brooklyn 5, N. Y. Triner Scale & Mfg. Co., 2700 W. 21st St., Chicago 8, Ill.

SCOOPS: Hand

Detecto Scales, Inc., 540 Park Ave., Brooklyn 5, N. Y.
Terriss Div., Consolidated Siphon Supply Ce., Inc., 22
Wooster St., New York 13, N. Y.
Superior Plastics, 414-430 No. Oakley, Chicago 12, Ill.
Standard Casing Co., 121 Spring St., New York 12, N. Y.

STUFFED ANIMALS

Atlas Toy Mfg. Corp., 186 W. 21st St., New York 11, N. Y. Gay Stuffed Toy & Novelty Co., 48 W. 24th St., New York 10, N. Y. Mason Bros. & Tarlin, Inc., 73 High St., Boston 10, Mass. Standard Doll Co., 36 E. 22nd St., New York 10, N. Y.

TOYS

Arcadia Doll Co., 3135 Ridgewood Rd. N.W., Atlanta 5, Ga. Certified Products Co., 312 So. 38th St., Louisville 11, Ky. Einson-Freeman Co., Inc., Starr & Borden Ave., Long Island City 1, N. Y.
Empire Plastic Corp., 375 East 163rd St., Bronx 56, N. Y.
Fisher-Price Toys, Inc., East Aurora, N. Y.
Gay Stuffed Toy & Novelty Co., 48 W. 24th St., New York 10, N. Y.
Gits Molding Corp. 4600 W. Huron St., Chicago, Ill.
The Lederer Industries, Inc., 29 W. 19th St., New York 11, N. Y.
Mason Bros. & Tarlin, Inc., 73 High St., Roston 10, Mass. Mason Bros. & Tarlin, Inc., 73 High St., Boston 10, Mass. Redstar Novelty Co., 3125 Ridgewood Rd. N.W., Atlanta Standard Doll Co., 36 E. 22nd St., New York 10, N. Y.
Toycraft Rubber Co., Ashland, Ohio.
Universal Toy & Novelty Mfg. Co., 40 E. 23rd St., New York
10, N. Y.
Warren Paper Products Co., 3200 South St., Lafayette, Ind.

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Index of Trade Names

Very often the trade name of a product is familiar or is located on a machine or package but a buyer may have no knowledge of the manufacturer. The purpose of this index is to inform the buyer regarding the source of trade named products. This index is divided into three Sections.

1. Machinery and Equipment Division

Accuratus Thermometer Tubing—Taylor Instrument Companies, 95 Ames St., Rochester I, N. Y.
ACMA—Aurelio Tanni Engineering Co., 430 Jefferson St., Brooklyn 37, N. Y.
Acme Kettles—Acme Coppersmithing Co., 2535 W. Maypole Ave., Chicago 12, Ill.
Adjust-O-Film Cooker — The Kontro Co., Petersham, Mass.
Air-O-Line Controllers—Brown Instrument Co., 4495 Wayne Ave., Philadelphia 44, Pa.
AMF Benj. Franklin—mixer and kneader—American Machine & Foundry Co., 261 Madison Ave., New York 16, N. Y.
Ampere Belting—Victor Balata & Tex-

N. Y.
Ampere Belting—Victor Balata & Textile Belting Co., 53 Park Pl., New York 7, N. Y.
Anderson Patent Can Opener—Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.
Aquatrator Moisture Apparatus—Precision Scientific Co., Chicago, Ill.
Artofex Mixers—Excelsior Engineering Co., New York 36, N. Y.
Automolde—Jabez Burns & Sons Inc., New York 36, N. Y.
Auto Molder—J. W. Greer Co., Wilmington, Mass.

B

Baldwin-Rex C. P. S. Belts-Chain Belt Co., 1752 W. Bruce St., Milwaukee

Baldwin-Rex C. P. S. Belts—Chain Belt Co., 1752 W. Bruce St., Milwaukee 4, Wis.
Ball Cream Beaters—Dayton Specialty Machine Co., 435 Patterson Blvd., Dayton, Ohio.
Baltimore Candy Cutter—Thomas Mills & Brother, Inc., 1301 N. 8th Street, Philadelphia 22, Pa.
Banks Labeller—Stokes and Smith Co. Dept. MCB Summerdale Ave., Philadelphia 24, Pa.
Bausman Automatic Starch Machine—Mill River Tool Co., 38 Cass St., Springfield, Mass.
Bausman Decorator and Refiners—National Equipment Co., 153 Crosby St., New York 12, N. Y.
Belfield Control Valves—Minneapolis Honeywell Regulator Co., Brown Instruments Division, Wayne & Roberts Aves., Philadelphia 44, Pa.
Beltevator—The E. W. Buschinan Co., 4461 Clifton Ave., Cincinnati 32, O. Belturn Conveyors—Economy Equipment Co., 4800 So. Hoyne, Chicago, Il.
Berks Cantslip Trays—Berks Engineering Co., 6th & Chestnut Sts., Reading, Pa.

ing Co., 6th & Chestnut Sts., Reading, Pa.
Bindler—T. C. Weygandt Co., 165 Duane St., New York 13, N. Y.
Binoc Thermometer Tubing—Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.
Brickmaster—Amsco Packaging Machinery, Inc., Long Island City, N. Y.
Brightwood Machine—U. S. Automatic Box Machinery Corp., 18 Arboretum Rd., Roslindale, Boston 31, Mass.
Bur-Fast — Burgess Fastening Co., Cleveland, O.
Burmak Belts—Burrell Belting Co., 7501 No. St. Louis Ave., Skokie, Ill.
Burrell Multiple Woven Belts—Burrell Belting Co., 7501 No. St. Louis Ave., Skokie, Ill.
Burtek—Burrell Belting Co., 7501 No. St. Louis Ave., Skokie, Ill.

C

C-K Machines—Codie Kay Co., Inc., 1143 San Julian St., Los Angeles 15, Calif. C & A Stick Candy Machine—Thomas Mills & Brother, Inc., 1301 N. 8th Street, Philadelphia 22, Pa.

Campbell Wrapper—Hudson Sharpe Ma-chine Co., 1207 Main St., Green Bay,

Campbell Wrapper—Hudson Sharpe Machine Co., 1207 Main St., Green Bay, Wis.
Candy Maid—Triumph Mfg. Co., 3400 Spring Grove, Cincinnati 25, O. Candy-Tex—Voss Belting & Specialty Co., 5645 Ravenswood, Chicago 26, Ill. Carney Cocoa Press—National Equipment Co., 153 Crosby St., New York 12, N. Y.
Carton-Pac Wrapping Machines—Pack-Rite Machines, Div. of Techtmann Indus. 407 E. Michigan St., Milwaukee 1, Wis.
Carver Cocoa and Laboratory Presses—Fred S. Carver, Inc., One Chatham Road, Summit, N. J.
Casual Gate Valves—Lunkenheimer Co. P. O. Box 360 Annex Sta., Cincinnati 14, Ohio.
CDM—J. M. Lehmann Co., Inc., 565 New York Ave., Lyndhurst, N. J.
CECO—Container Equipment Corp., 204 Riverside Ave., Newark 4, N. J.
Ceco—Container Equipment Corp., 204 Riverside Ave., Newark 4, N. J.
Celectray Pyrometers—C. J. Tagliabue Corp., 514 Frellinghuysen Ave., Newark 5, N. J.
Cenco Moisture Balance—Central Scientific Co., Chicago, Ill.
Centravac—The Trane Company, 3rd & Cameron Ave., La Crosse, Wis.
Centrichem Fumps—Eco Engineering Co., Newark 1, N. J.
Cesco Dumper—Colson Equipment & Supply Co., 1317 Willow St., Los Angeles 13, Calif.
Chinook—A. Huhn Mfg. Co., 3915 Hinawatha Ave., Minneapolis 6, Minn.
Chocolate Spraying System—Chocolate Spraying System—Chocolate Spraying Co., 2035 W. Grand Avenue, Chicago 12, Ill.
Colony 2 Stage Homogenizers—National Equipment Co., 153 Crosby St., New York 12, N. Y.
Columbus Scales—The Exact Weight Scale Co., 538 E. Towne St., Columbus 15, Ohio.
Com—Bin Feeder — Pulva Corp., 582
High St., Perth Amboy, N. J.

Scale Co., 538 E. Towne St., Columbus 15, Ohio.

Com-Bin Feeder — Pulva Corp., 582
High St., Perth Amboy, N. J.

Combs Starch Cleaners & Sifters—Great
Western Mfg. Co., 208 Choctan St.,
Leavenworth, Kans.

Commander Truck—The Fairbanks Co.,
393 Lafayette St., New York 3, N. Y.

Commodore Confectioners Stoves—Domestic Stove Works, Inc., New York,
N. Y.

Compak-Hayssen Manufacturing Co.,

N.Y.
Compak-Hayssen Manufacturing Co.,
Sheboygan, Wis.
Continuous Flow Packaging Machines
—Battie Creek Packaging Machines,
tnc., Hattle Creek, Mich.
Corley Automatic Wrapping Machine—
Miller Wrapping & Sealing Machine—
Co., 18 South Clinton St., Chicago
6, Ill.
Corley Miller Wrapping & Corley Miller

Corley-Miller — Miller Wrapping & Sealing Machine Co., 18 South Clinton St., Chicago 6, Ill.

Counterboy — Better Packages, Inc.,

Counterboy — Better Packages, Inc., Shelton, Conn. Cres-Cor-Crescent Metal Products, Inc., 18901 St. Clair Ave., Cleveland 10, O. Cup-It for cupping chocolates—Union Confectionery Machinery Co., 318 La-fayette Street, New York 12, N. Y.

D

Day "AC" Dust Filters—The Day Company, \$10 Third Ave., N.E., Minneapolis 13, Minn.

Dayton Cream Beaters—Dayton Specialty Machine Co., 435 Patterson Blvd., Dayton, Ohio.

Pelco—Frigidaire Conditioning Div. of General Motors Corp., Dayton, Ohio.

Dense-Flo Air Conveyor—Albert Air Conveyor Corp., 600—16th St., Oakland, Calif.

Detecto-Gram Scales—Detecto Scales Inc., 540 Park Ave., Brooklyn 5, N. Y. Dispersators—Premier Mill Corp., 61 Gates Ave., Geneva, N. Y. Dual Clone Dust Separators—The Day Company, 810 Third Ave., N.E., Minneapolis 13, Minn.

Duradiant Burners—Selas Corp. of America, Eric Ave. and "D" Sts., Philadelphia 34, Pa.

Duxbak Waterproof Belts—Chas. A. Schleren Co., 30 Ferry St., New York 7, N. Y.

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Easton Belting—Victor Balata & Textile Belting Co., \$3 Park Ave., New York 7, N. Y.

Easykleen Hydrometers — Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.

Edilyse Furnaces—Eclipse Fuel Eng. Co., Rockford, Ill.

Eclipse Peanut Fryers—Savage Bros. Co., 2638 Gladys Ave., Chicago 12, Ill.

Ekco Furnace—Savage Bros. Co., 2638 Gladys Ave., Chicago, Ill.

Elec-Tri-Pac & Flex—Triangle Package Machinery Co., 6633 W. Diversey Ave., Chicago 38, Ill.

Enrober Coating Machine—National Equipment Corp., 153 Crosby St., New York 12, N. Y.

Excelsior Furnace—Thomas Mills & Brother, Inc., 1301 N. 8th Street, Philadelphia 22, Pa.

E-Z Adjustaheat Jaw-Type Sealer—Pack-Rite Machines, 407 E. Michigan St., Milwaukee 1, Wis.

E-Z Flow—Meyer Machine Co., San Antonio, Texas.

F & B Cream Beaters—Dayton Specialty Machine Co., 435 Patterson Blvd., Dayton, Ohio.

Ferrenewo Globe, Angle and Check Valves—Lunkenheimer Co., P. O. Box 360 Annex Sta., Cincinnati 14, Ohio. Ferro Filter—S. G. Frantz Co., Inc., 161 Grand St., New York 13, N. Y. Fil-Pak — Ketchpel Engineering Co., West Englewood, N. J. Fillmaster — Stuyvesant Engineering Co., 107 Stuyvesant Ave., Lyndhurst, N. J.

Flexi-matic—Triangle Package Machin-ery Co., 6633 Diversey, Chicago 35,

III.
Floormaster Trucks — Lewis-Shepard Prod., Inc., 125 Walnut St., Watertown 72, Mass.
Forgrove-Package Machinery Co., East Longmeadow, Mass.

Forplast Package Machinery Co., East Longmeadow, Mass.

Longmeadow, Mass.
Franko-Belting—The Franklin Cotton
Mill Co., Cincinnati 10, 0.
Frees Dry Air Sterilizers & Vacuum
Ovens—Precision Scientific Co., Chicago 47, Ill.
Freick Cooking Machinery—Vacuum
Candy Machinery Co., 15 Park Row.
New York, N.Y.
Fulscope Automatic Controller—Taylor
Instrument Companies, 96 Ames St.
Rochester 1, N. Y.

GE X-Ray Visual Inspection Unit— General Electric X-Ray Corp., Mil-waukee, Wis. Gemco Air Conditioners—General En-gineering & Mfg. Co., 4417 Oleaths Ave., St. Louis 16, Mo. Giant Lacing—Chas. A. Schieren Co., 30 Ferry St., New York 7, N. Y. Giant Furnace—Savage Bros. Co., 2638 Gladys Ave., Chicago 12, III.

Grad-U-Trol Valves—Minneapolis Honeywell Regulator Co., Brown Instruments Division, Wayne & Roberts Aves., Philadelphia 44, Pa.
Greerline—J. W. Greer Co., Wilmington, Mass.
Greer Multi-tier—J. W. Greer Co., Wilmington, Mass.
Greer Vibra-Pac Unit—J. W. Greer Co., Wilmington, Mass.
Greyhound Streamliner Peters Marshmallow Depositor—Peters Machinery Co., 4700 Ravenswood Ave., Chicago 40, 111.
Gumcraft Tape Machines — Gummed

40, 111.
Gumcraft Tape Machines — Gummed
Tape & Devices Co., 1318 Sixtieth
St., Brooklyn 19, N. Y.
Gyratory Starch Cleaner—Great Western Mfg. Co., Leavenworth, Kan.

Scales a 5, N. Y. Corp., 61 The Day

Corp. of Chas. A.

ylor In-mes St.

iel Eng. ge Bros. to 12, Ill. Co., 2638

Package sey Ave.,

National St., New Mills &

Sealer-Michigan Co., San

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Check C. O. Box 14, Ohio. Co., Inc., N. Y. ring Co.,

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Machin-cago 35,

Shepard Water-

Co., East

o., East Cotton Vacuum Co., Chi-

Taylor

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Hancock Valves—Manning, Maxwell & Moore, Inc., Bridgeport 2, Conn. Handy Gate Valves—Lunkenheimer Co., P. O. Box 369 Annex Sta., Cincinnati 14, Ohio.
Hanrober-Baker Perkins Co., Inc., Saginaw, Mich.
Hav-A-Bag — Wright Machinery Co., Durham, N. C.
H-Gloss—Voss Belting & Specialty Co., 5645 N. Ravenswood Ave., Chicago 26, Ill.
Hildreth Candy Puller—Union Confectionery Machinery Co., 318 Lafayette St., New York 12, N. Y.
Holm Automatic Weighing & Filling Machine—Miller Wrapping & Sealing Machine Co., 18 S. Clinton St., Chicago 6, Ill.
Hontz Nut Cluster Machine—Hontz Machine Co., 7101 Eighth Ave., Los Angeles, Calif.
Hottmann Mixers—Mixers, Inc., Philadelphia 34, Pa.
Humid-U-Stats — Minneapolis Honeywell Regulator Co., Brown Instruments Division, Wayne & Roberts Aves., Philadelphia 44, Pa.
Hydramotor Valves—General Controls Co., Glendale 1, Calif.
Hydro-Seal Pump Bars — National Equipment Corp., 153 Crosby St., New York 12, N. Y.
Hy-Speed — Alsop Engineering Corp., Mildale, Conn.
Hy-Tra-Lec Automatic Weighter—Wright's Automatic Machinery Co., Durham, N. C.

Icihgren Bausman Decorators—The National Equipment Co., 153 Crosby St., New York 12, N. Y.
Ideal—Caramel Wrapping Machine—Ideal Wrapping Machine Co., Middletown, N. Y.
Igou Sizer, Cutter—Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa.

Jacolucci Continuous Cream Beater— National Equipment Co., 153 Crosby St., New York 12, N. Y. Janitrol—Surface Combustion Corp., 2375 Dorr St., Toledo 1, Ohio. Jensen—Mikrovaerk A/S, 32-38 Syd-marken, Soborg (Copenhagen) Den-mark.

Kable Kord—L. H. Gilmer Co., Tacony, Philadelphia, Pa., Kalco Mixers—I. Kalfus Co., New York 13, N. Y. Kandy Kraft—Triumph Mfg. Co., 3400 Spring St., Cincinnati 25, O. Kathabar—Surface Combustion Corp., 2375 Dorr St., Toledo 1, Ohio. Keimpac Wrapping Machines—Pack-Rite Machines, Milwaukee 1, Wis. Khlgren Stringers—National Equipment Co., 153 Crosby St., New York 12, N.Y. King-Clip Gate Valves—Lunkenheimer Co., P. O. Box 360 Annex Sta., Cincinnati 14, Ohio. Kleer-Gloss-Voss Belting & Specialty Co., 5447 N. Ravenswood Ave., Chicago 26, Ill.

Co., 5647 N. Ravenswood Ave., Chicago 26, Ill.

Kno Draft—W. B. Connor Engineering Corp., 114 E. 32nd St., New York 16, N. Y.

Krimpac Model "E"—Pack-Rite Machines, Milwaukee 1, Wis.

Kutmixer—Mixers Inc., Philadelphia 34, Pa.

Label-DRI-New Jersey Machine Corp., Hoboken, N. J.

Latini Decorator—Chocolate Spraying Co., 2035 W. Grand Ave., Chicago 12, Ill.

12, III.
Lambert Peanut Butter Milk—Bauers
Bros., Springfield, Mass.
Latham—Ideal Stitcher Co., Div. of
W. R. Pablch Mfg. Co., 2855 No.
Rockwell St., Chicago 18, III.
Lectrodryer, Lectrofilter and Lectrobreather — Pittaburgh Lectrodryer
Corp., P. O. Box 1766, Pittsburgh
30, Pa.
Lehigh—Victor Balata & Textile Belting Co., 53 Park Pl., New York 7,
N. Y.
Letheray—Hanovia Chemical & Mfg.

ing Co., 53 Park Pl., New York 7, N. Y.
Letheray—Hanovia Chemical & Mfg.
Co., Newark 5, N. J.
Lightnin Mixers—Mixing Equipment
Co., Inc., 211 Mt. Read Blvd., Rochester, N. Y.
Littlefield's Pan Cleaning Machine—
Thomas Mills & Brother, Inc., 1301 N.
8th Street, Philadelphia 22, Pa.
Little Wonder Scale—Stokes and Smith
Co., Philadelphia 24, Pa.
Load Grab—Hyster Co., Portland 8,
Ore.
Loesch—Walter H. Kansteiner Co., 1737
W. Howard St., Chicago 26, Ill.
Lustr-Koold Conveying & Cooling Systems—Economy Equipment Co., Chicago, Ill.

May-Plex Cellophane Wrapper—
Wright's Automatic Machinery Co.,
Durham, N. C.
Mikro-Pulverizer, Atomizer, Collector
& Samplmill—Pulverizing Machinery
Co., 61 Chatham Rd., Summit, N. J.
Mixco—Mixing Equipment Co., Inc., 211
Mt. Read Blvd., Rochester 11, N. Y.
Model FA, FF Palmer Machines—Package Machinery Co., Springfield 7,
Mass.

age Machinery Co., Springfield 7, Mass.
Model DF, CA2, GH2, C, F.U4, ACAC6, 22B, K, LP, LP3—Package Machinery Co., Springfield 7, Mass.
Mogul Machine—National Equipment Corp., 153 Crosby St., New York 12, N. Y.

N. Y.

Monitor—Ideal Stitcher Co., Div. of
W. R. Pabich Mfg. Co., 2855 No.
Rockwell St., Chicago 18, Ill.

Monitor Nougat Cutter—Thomas Mills
& Brother, Inc., 1301 N. 8th Street,
Philadelphia 22, Pa.

Morpak—Lynch Corporation, Anderson,
Ind.

Ind.
Motosteel Valve Motor—Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.
Muiti-Tier—J. W. Greer Co., Inc., 119
Windsor St., Cambridge 39, Mass.

National Cooler—National Equipment Co., 153 Crosby St., New York 12, N. Y.

N.Y.
Neverstop—Stokes and Smith Co., Philadelphia 24, Pa.
NCP "Overwrap Machine"—National Equipment Co., 318 Lafayette, NYC 12, N.Y.
Nielsen—Walter H. Kansteiner Co., 1737
W. Howard St., Chicago 26, Iil.
N-M-D Globe, Angle & Check Valves—Lunkenheimer Co., P. O. Box 360
Annex Sta., Cincinnati 14, Ohio.

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Orion Bag Machine—H. H. Heinrich, Inc., 200 Varick St., New York 14, N. Y.

Pak-King Fillers—Weigh Right Automatic Scale Co., Mills Rd., P. O. Box 898, Joliet, Ill.
Palmetto Beiting—Victor Balata & Textile Belting Co., 53 Park Ave., New York 7, N. Y.
Par-Air Compressors—Lynch Corporation, Anderson, Ind.
Permax Hydrometer—Taylor Instrument Companies, 95 Ames St., Rochester I, N. Y.
Petsholdt—Solida Trading Co., 220 W. 42nd St., New York 36, N. Y.
Pilotrol—Balley Meter Co., 1056 Ivanhoe Rd., Cleveland 10, Ohio.
Pitco Frialators—J. C. Pitman & Sons Sales Corp., 711 Broad St., Lynn, Mass.

Mass.
Pittsburgh Gas Unit Heater—Automatic Gas Equipment Co., 201 Bruston Ave., Pittsburgh 21, Pa.
Plastic-Gas Equipment Co., 7501
No. St. Louis Ave., Skokie, Ill.
Plasti-Sealer—Pack-Rite Machines, 407
E. Michigan St., Milwaukee, Wisc.
Plaswrap-Package Machinery Company,
East Longmeadow, Mass.
Pneumix Agitators—Eclipse Air Brush
Co., Pneumix Div., 350 Park Ave.,
Newark 7, N. J.

Poly-Jaw Sealer—Pack-Rite Machines,

467 E. Michigan St., Milwaukee 1,
Wisc.
Pony Labelrite—New Jersey Machine
Corp., 1650 Willow Ave., Hoboken,
N. J.
Popt-Rite—Dunbar Company, 2653 W.
Lake St., Chicago 12, Ill.
Pouchmaster, Mercury Heat Sealing
Equipment, 2601 N. Howard St., Philadelphia 33, Pa.
Pressuretrol—Minneapolis Honeywell
Regulator Co., Brown Instruments
Division, Wayne & Roberts Aves.,
Philadelphia 44, Pa.
Princo Instruments—Precision Thermometer and Instrument Co., 1434
Brandywine St., Philadelphia, Pa.
Pulva-Sizer—Pulva Corp., 582 High St.,
Perth Amboy, N. J.
Pyromaster—Bristol Co., Waterbury 20,
Conn.
Pyrotron—Balley Meter Co., 1056 Ivanhoe Rd., Cleveland 10, Ohio.

Conn.
Pyrotron—Bailey Meter Co., 1050 Ivanhoe Rd., Cleveland 10, Ohio.
Pyrovane Controllers—Minneapolis
Honeywell Regulator Co., Brown Instruments Division, Wayne & Roberts Aves., Philadelphia 44, Pa.

Racine—Vacuum Candy Machinery Co., 15 Park Row, New York 38, N. Y. Radi-Aire—Reynolds Electric Co., 3000 River Road, River Grove, Ill. Radiant Cooling Tunnell—Reflectotherm, Inc., 26 E. University Ave., Cincinnati 19, Ohio. Rasch-Lauenstein—T. C. Weygandt Co., 165 Duane St., New York 13, N. Y. Readco—Read Machinery Division of Standard Stoker Co., York, Pa. Red-Reading-Mercury Thermometers—Palmer Thermometers, Inc., 2501 Norwood Ave., Cincinnati, Norwood 12, Ohio. Reflecto—Burrell Belting Co., 7501 No.

wood Ave., Cheinath, Norwood 1s., Ohio.
Reflecto—Burrell Belting Co., 7501 No. St. Louis Ave., Skokie, Ill.
Renewo Globe, Angle & Check Valves—Lunkenheimer Co., P. O. Box 360
Annex Sta., Cincinnati 14, Ohio.
Rex Table Top Belts—Chain Belt Co., 1752 W. Bruce St., Milwaukee 4, Wis.
Roll-Ezy Trucks & Casters—Currle Mfg.
Co., San Jose, Calif.
Rollaweigh Bagger—The Exact Weight Scale Co., 920 W. Fifth Ave., Columbus \$5, Ohio.
Rose Twist Wrapper-National Equipment Corp., 153 Crosby St., New York 12, N. Y.
Rostoplast-Hansella Machinery Corp.,

Rostoplast-Hansella Machinery Corp., Grand & Ruby Aves., Palisades Park,

Sanitex-Voss Belting & Specialty Co., 5645 Ravenswood Ave., Chicago 26,

11l.
Savage Candy Machinery & Utensils—
Savage Bros. Co., 2638 Gladys Ave.,
Chicago 12, 11l.
Savage Fire Mixer—Savage Bros. Co.,
2638 Gladys Ave., Chicago 12, 11l.
Savy Shaking Table—National Equipment Co., 153 Crosby St., New York
12, N. Y.

12, N. Y Saxmayer Tying Machines—National Bundle Tyer Co., 24-30 Adrian St., Blissfield, Mich. SC case sealer—National Equipment Corp., 153 Crosby St., New York 12,

Schrafft System-National Equipment Co., 153 Crosby St., New York 12,

N.Y.
Selectrol—The Exact Weight Scale Co.,
944 W. Fifth Ave., Columbus 8, Ohio.
Setterstix—Setter Bros., Inc., Cattarauguso, N.Y.
SHA Cocoa Bean Breaker — Buhler
Brothers, Inc., 130 Coolidge Ave.,
Englewood, N. J.
Shadograph—The Exact Weight Scale
Co., 944 W. Fifth Ave., Columbus 8,
Ohio.

Co., 944 W. Fifth Ave., Columbus 8, Ohilo.
Shellmaster—Pekor Iron Works, Lock Drawer 909, Columbus, Ga.
Sight-O-Matic—J. M. Lehmann Co., Inc., 546 New York Ave., Lyndhurst, N. Stokes and Smith Co. Philadel-

N. J.
Sig—Stokes and Smith Co., Philadelphia 24, Pa.
Silvretone Hydro-Seal Pump Bar—National Equipment Corp., 153 Crosby St., New York 12, N. Y.
Simplex Hard Candy Machinery—Vacuum Candy Machinery Co., 15 Park Row, New York 38, N. Y.
Simplex High Speed Bag Machine—Miller Wrapping & Sealing Machine—Miller Wrapping & Sealing Machine—Co., 18 S. Clinton St., Chicago 6, Ill.
Simplex Starch Buck—National Equipment Co., 153 Crosby St., New York 12, N. Y.

Nut Rolling Machine Savage s. Co., 2638 Gladys Ave., Chicago Sisco

Bros. Co., 2638 Gladys Ave., Chicago 12, Ill. Spee-Dee—Packaging Machinery Co., 1818 W. 74th St., Chicago, Ill. Speed Wrap—National Equipment Corp., 153 Crosby St., New York 12, N. Y.

Corp., 183 Crosby St., New York 12, N. Y.

SPK Conveying System—Buhler Brothers, Inc., 130 Coolidge Ave., Englewood, N. J.

Split-Nut Blanching Machines—Jabes Burns & Sons, Inc., 11th Ave. at 43rd St., New York 18, N. Y.

Springfield Chocolate Kettles & Coolers, Depositors—National Equipment Co., 153 Crosby St., New York 12, N. Y.

Stak-Ezy-Steel Trays—Currie Mfg. Co., San Jose, Calif.

Stancase—The Standard C Casing Co., 121 Spring St., New York 12, N. Y.

Stehling—Chas. H. Stehling Co., 1303 N. 4th St., Milwaukee 12, Vis.

Steinlits Moisture Tester—Seedburo Equipment Co., 618 W. Jackson Blvd., Chicago 6, Ill.

Stokesmedi—Stokes and Smith Co., Philadelphia 24, Pa.

Stokesmatic—Stokes and Smith Co., Philadelphia 24, Pa.

Stokeswrap Automatic Packaging Machine—Stokes & Smith, Summerdale

Philadelphia 24, Pa.
Stokeswrap Automatic Packaging Machine—Stokes & Smith, Summerdale Ave., Philadelphia 24, Pa.
Stretchrap—Stokes and Smith Co., Philadelphia 24, Pa.
Strip-O-Matic—Mercury Heat Sealing Equipment Company, 2601 N. Howard St., Philadelphia 33, Pa.
Surface Cookers, Surface Company.

Surface Cookers—Surface Com Corp., 2375 Dorr St., Toledo,

T

Tag Recording Instruments—C. J. Tag-liabue Corp., 614 Frelinghuysen, New-ark 5, N. J.

ark 5, N. J.
Techmaster Sealers—Pack-Rite Machines, Div. of Techtmann Ind., 714
W. Wisconsin Ave., Milwaukee 3, Wis.
Telefon—United States Gasket Co., 658
N. 10th St., Camden, N. J.
Terriss—Consolidated Siphon Supply
Co., 22 Wooster St., New York 13,
N. Y.

N. Y.
Thermalo Bean Roasting Equipment—
Jabez Burns & Sons, Inc., 11th Ave.
at 43rd St., New York 18, N. Y.
Thermoguide Dial Thermometers—Taylor Instrument Companies, 95 Ames
St., Rochester 1, N. Y.

Thermo-pak—Stokes and Smith Co., Philadelphia 24, Pa. Thermo-Print-Labeler—Package chinery Co., Springdeld, Mass. Thermo-Jaw Sealer—Pack-Rite Machines, 467 E. Michigan St., Milwau-

Thermo-Jaw chines, 407 E. Michigan St., and chines, 510 No. St. Louis Ave., Skokie, Ill. Thoroclean—National Equipment Corp., 153 Crosby St., New York 12, N. Y. Torridor—The Trane Company, 3rd & Cameron Ave., La Crosse, Wisc. Toteline—Molded Fiber Glass Tray Co., and the chines of the chines of

Toteline—Molded Fiber Glass Tray Co., Linesville, Pa.

Totemaster Trucks—Lewis-Shepard Prod., Inc., 125 Walnut St., Water-town 72, Mass.

Trade Booster Combined Roasters and Poppers—O. Y. Bartholomew, Vine-land, N. J.

Transwrap—Package Machinery Com-

pany, East Longmeadow, Mass. Traymaster—Package Machinery Co.,

Traymaster—Package Machinery Co., East Longmeadow, Mass.

Trident Meters—Neptune Meter Co., 50 W. 50th St., New York 20, N. Y. Trojan Belt—The E. W. Bushman Co., 4461 Clifton, Cincinnati 32, O. Turner—Walter H. Kansteiner Co., 1737 W. Howard St., Chicago 26, Ill. Tycos Temperature Instruments—Taylor Instrument Co., 98 Ames St., Rochester 1, N. Y.

U. F. Disk Filters—Scientific Filter Co., 57 Rose St., New York 38, N. Y. Union Whizard Sifters—Union Steel Products Co., 6 Pine Ave., Albion, Mich.
Uni-Pak Bag Fills & Seals—Ketchpel Engineering Co., 1401-05 Palisade Ave., W. Englewood, N. J. Unispeed Time Recorder—Stromberg Time Corp., 109 Lafayette, New York 13, N. Y. Unitrol Sectionalized Control Center—Cutler-Hammer, Inc., 423 N. 12th St., Milwaukee I, Wis.
"Universal" Molsture Testers—Moore-Milford Corp., 1316 Sherman Ave., Evanston, Ill.
Universal—Stokes and Smith Co., Philadelphia 24, Pa.
Unitrane—The Trane Company, 3rd & Cameron Ave., La Crosse, Wisc.

Vapor-Vacuum—White Cap Co., 1819 N. Major Ave., Chicago, Ill.

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Versaflow—Package Machinery Co., East Longmeadow, Mass. Verti Pak — Mercury Heat Sealing Equipment Co., 2601 N. Howard St., Philadelphia 33, Pa. Vibra-Flex—Meyer Machine Co., San Antonio, Texas Victor Peanut Roasters—O. Y. Barthol-omew, Vineland, N. J. Votator Continuous Processing Appa-ratus—The Girdler Co., Votator Divi-sion, 224 E. Broadway, Louisville 1, Ky.

W

Walker's Cream Wafer Dropper— Thomas Mills & Brother, Inc., 1801 N. 8th St., Philadelphia 22, Pa. Walter Basking Dipping Machine—Na-tional Equipment Co., 153 Crosby St., New York 12, N. Y. Wear-Ever—Wear-Ever Aluminum, Inc. "Wear-Ever" Bldg., New Kensington, Pa.

Pa. Wedgbelt

"Wear-Ever" Bldg., New Kensington, Pa.
Pa.
Wedgbelt V-Groove Pulleys—The American Pulley Co., 4200 Wissahickon Ave., Philadelphia, Pa.
Wermac Candy Machine—Wermac Co., Grand Rapids, Mich.
Westerman Depositing Machines—Peters Machinery Co., 4700 Ravenswood Ave., Chicago 40, Ill.
Whirlwind Screw Capping Machine—Scientific Filter Co., 57 Rose St., New York, N. Y.
Whizolator—Paul F. Beich Co., Bloomington, Ill.
Whis-Packer Filling Machines—Miller Wrapping & Sealing Machine Co., 18
S. Clinton St., Chicago 6, Ill.
Wilson Supreme Candy Cooling Tables—Wilson Manufacturing Co., 420 Barnum Ave., Stratford, Conn.
Woodburn Sugar Mill—National Equipment Co., 153 Crosby St., New York 12, N. Y.
World Labelers—Economic Machinery Co., 60 Fremont St., Worcester 3, Mass.
Wrap-O-Matic Packing and Wrapping

Co., 60 Fremont St.,
Mass.
Wrap-O-Matic Packing and Wrapping
Machines—Lynch Corp.,
Anderson,
Ind.

Y

Yankee Pop Corn Crips Machine— Thomas Mills & Brother, Inc., 1301 N. 8th St., Philadelphia 22, Pa. York Batch Roller—Savage Bros. Co., 2638 Gladys Ave., Chicago 12, Ill.

2. Raw Materials Division

A. B. Brand Corn Products—Anheuser-Busch, Inc., 721 Pestalozzi St., St. Louis 18, Mo.
Acme Flavoring Emulsions—Henry H. Ottens Mfg. Co., 129 Front St., Philadelphia 6, Pa.
Acomine—The Best Foods, Inc., 1 E. 43rd St., New York 17, N. Y.
Acomo—The Best Foods, Inc., 1 E. 43rd St., New York 17, N. Y.
Acto Slab Dressing—Standard Oil Co. of N. J., 30 Rockefeller Plaza, New York 20, N. Y.
Aiax Icing—Decatur Milling Company.

York 20, N. Y.

Ajax Icing—Decatur Milling Company, Inc., P. O. Box 70, Decatur 60, Ill.

Alada—Armour & Company, Union Stock Yards, Chicago 9, Ill.

Alba Chocolate Coating—D. Ghirardelli Co., P. O. Box 3581, San Francisco 19, Calif.

19, Calif.
Alcafe—American Lecithen Co., Inc., 57-01 32nd Ave., Woodside 77, N. Y.
Alcolec—American Lecithin Co., Inc., 57-01 32nd St., Woodside, L. I., N. Y.
Aldo 33 Emulsifier—Glyco Products Co., Inc., 26 Court St., Brooklyn 2, N. Y.
Alto Chocolate Coating—D. Ghirardelli Co., P. O. Box 3581, San Francisco 13 Calif.

Co., P. 19, Calif.

13, Calif.
Albusoy—Glidden Co., 1856 Leclaire St.,
Chicago, Ill.
Albumin-Soy — Archer-Daniels-Midland Company, 800 Roanoke Bldg.,
Minneapolis 2, Minn.

Alps Milk Chocolate—The Nestle Co., 2 William St., White Plains, N. Y. Alva Flavors—Van Ameringen-Haeb-ler, inc., 521 W. 57th St., New York 19, N. Y. Alvalue—Van Ameringen-Haebler, Inc., New York 19, N. Y.

Amaizo Brand Corn Products—American Malze Products Co., 100 E. 442nd St., New York 17, N. Y.
Ambriol—Sterwin Chemicals, Inc., 1450
Broadway, New York 18, N. Y.
Ambrosia—Ambrosia Chocolate Co., 1109 N. Fifth Street, Milwaukee 3, Wisconsin.
Amco—American Almond Products Co., Inc., Brooklyn 5, N. Y.
Amdego—The Emulsol Corp., 59 E.
Madison St., Chicago 3, Ill.
American H. & E.—The American Sugar Refining Co., 120 Wall St., New York 5, N. Y.

5, N. Y.
Amioca—National Starch Products, 276
Madison Ave., New York 4, N. Y.
Amitex—Corn Products Sales Co., 17
Battery Place, New York 4, N. Y.
Anattene—S. B. Penick & Co., 50 Church
St., New York 8, N. Y.
Appleose Concentrated Apple Juice—
Speas Co., 2400 Nicholson, Kansas
Clty 1, Mo.
Ap-ro-po Flavors—Dodge & Olcott.

Ap-ro-po Flavors-Dodge & Olcott, Inc., 180 Varick St., New York 14, Aqualized—Glyco Prods. Co., Inc., 26 Court St., Brooklyn 2, N. Y.

Aratex—Durkee Famous Foods, 900 Un-on Commerce Bldg., Cleveland 14, O. Arbuckle's Cane Sugar—National Sugar Refining Co., 100 Wall St., New York 5, N. Y.

b, N. Y.
Argo Corn Oil—Corn Products Sales Co.,
17 Battery Pl., New York 4, N. Y.
Argonaut—Golden State Co., Ltd., 425
Battery St., San Francisco, Cal.
Aristocrat Starch—D. Scrivanich & Co.,
1343 Arch St., Philadelphia 7, Pa.
Armola—Armour & Company, Union
Stock Yards, Chicago 9, Illinois.

rmstro—American Maize Products Company, 100 E. 42nd St., New York 17, N. Y.

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Now York 11, N. Y.

Arosol—Sterwin Chemicals, Inc., 1450
Broadway, New York 18, N. Y.

Arosotocrat Potato Starch—Paisley
Products, Inc., 630 W. 51st St., New
York 19, N. Y.

Atlas Colors and Flavors—H. Kohnstamm & Company, Inc., 87 Park Pl.,
New York 7, N. Y.

Atlene Colors—H. Kohnstamm & Co.,
Inc., 89 Park Place, New York 7, N.Y.

B

Bac Butter Flavor—Robert Kortright
Co., Inc., 280 West Broadway, New
York 13, N. Y.
Bakaromes-Givaudan Flavors, Inc., 380
W. 42nd St., New York 38, N. Y.
Bakerettes—Walter Baker & Company,
Inc., Dorchester 24, Massachusetts
BB Chocolate Products—Blumenthal
Bros., Margaret & James Sts., Philadelphia 37, Pa.
Barrington Hall—Baker Importing
Company, 212 Second St. N., Minneapolis 1, Minn.

deiphia 37, Pa.

Barrington Hall—Baker Importing Company, 212 Second St. N., Minneapolis I, Minn.

Basic Hyfat—Basic Industries, Inc., 919 N. Michigan Ave., Chicago 11, Ill.

Bay State—H. A. Johnson Co., 221 State Street, Boston 9, Mass.

Best Foods Veo—Best Foods, Inc., 1 E. 437d St., New York 16, N. Y.

Bestovall—H. A. Johnson Co., 155 No.

Beacon St., Boston 45, Mass.

Beurrim—Felton Chemical Company, Inc., 599 Johnson Ave., Brooklyn 6, N. Y.

Big "3" Jell Powder—Senneff-Herr Co.,
P. O. Box 364, Sterling, Ill.
Bluebonnet—Standard Brands, Inc., 625
Madison Ave., New York 22, N.Y.
Blue Diamond Almonds—California Almond Growers Exchange, 1802 C St.,
Sacramento, California.
Blue Pirate Brand Filberts—Oregon
Nut Growers, Inc., 403 N. Main St.,
Newberg, Ore.
Blue Ribbon Nuts—Continental Nut
Co., P. O. Box 503, Chico, Calif.
Boontex Vegetable Shortenings—E. F.
Drew & Co., Inc., 15 E. 26th St., New
York 10, N. Y.
Bon Bon Shino—Senneff-Herr Co., P.
O. Box 364, Sterling, Ill.
Bourbovan—Felton Chemical Co., 599
Johnson Ave., Brooklyn 6, N. Y.
Brookfield Products—Swift & Company, Union Stock Yards, Chicago 3,
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Buffalo Moulding Starch—Corn Prod-

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Inc., 1 N. Y. 155 No.

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ny, Union Stock Yards, Chicago 9, Buffalo Moulding Starch—Corn Products Sales Co., 17 Battery Place, New York 4, N. Y.
Buflacon—National Food Products, 26 E.
Huron St., Chicago 11, Ill.
Burco—Burke Products Co., 317 W.
Hubbard St., Chicago, Ill.
Burck—C. W. Burkhalter, Inc., 156
Franklin St., New York 13, N. Y.
Buster Brand—The Albert Dickinson Co., 2750 W. 35th St., Chicago 32, Ill.
Buttarom—Sterwin Chemicalls, 1450
Broadway, New York 18, N. Y.
Buttatnon-Dodge & Olcott, Inc., 180
Varick St., New York 14, N. Y.
Butyrnilla Flavors—Dodge & Olcott, Inc., 180
Varick St., New York 14, N. Y.

Caliph—Christo Poulos & Co., Inc., 75 Front St., Brooklyn 6, N. Y. Carnation Klearol—L. Sonneborn Sons, Inc., 88 Lexington Ave., New York 16, N. Y.

Carob Flour—Innis, Speiden & Co., 117
Liberty St., New York 6, N. Y.
Carob Flour—Innis, Speiden & Co., 117
Liberty St., New York 6, N. Y.
Cartone Crystalline—American Chlorophyll Div. Strong-Cobb & Co., Lake Worth, Florida.
Centrol Lecithin—Central Soya Co., Inc., 300 Ft. Wayne Bank Bldg., Ft.
Wayne 2, Indiana.
Cerelose—Corn Products Sales Co., 17
Battery Place, New York 4, N. Y.
Ceylona Paste—H. H. Ottens Mfg. Co., Inc., 127 S. Front St., Philadelphia 6, Pa.
Choclotone—Ph. Chaleves, Inc., 126 F.

o, Fa. Choclotone—Ph. Chaleyer, Inc., 160 E. 56th St., New York 22 N. Y. Chocolin—Felton Chemical Company, Inc., 599 Johnson Ave., Brooklyn 8,

Chocolin—Felton Chesses, Brooklyn v.
Inc., 599 Johnson Ave., Brooklyn v.
N. Y.
Choco Shreds—Cocoline Products, Inc.,
Chocolate Co., 689-697 Myrtle Ave.,
Brooklyn 5, N. Y.
Chuee—Veg—H. H. Ottens Mfg. Co.,
Inc., 127 S. Front St., Philadelphia
6, Pa.,
Cico-Egg Albumen—Consumers Import
Company, Inc., 350 Fifth Ave., New
York, N. Y.
Cinacoa—Traders Oil Mill Company,
Ft. Worth 1, Texas.
Cino—Cino Chemical Co., Cincinnati
2, O., Sth—Florasynth Laboratories,
New York

York, N. Y.
Cinacoa—Traders Oil Mill Company,
Ft. Worth 1, Texas.
Cino—Cino Chemical Co., Cincinnati
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Citrosynth—Florasynth Laboratories,
Inc., 1833 Olmstead Ave., New York
61, N. Y.
Claroiel—Stein, Hall & Company, 285
Madison Ave., New York 17, N. Y.
Clearate and Clearfia—W. A. Cleary
Corp., Box 575, New Brunswick, N. J.
Clearlube & Clearwip—W. A. Cleary
Corp., New Brunswick, N. J.
Climax Imitation Flavors—H. Kohnstamm & Co., Inc., 87 Park Pl., New
York 7, N. Y.
Climax Shortening—Armour & Company, Union Stock Yards, Chicago 9, Ill.
Clintose—Clinton Foods Inc., Clinton,
Iowa
Clipper—Foote & Jenks, 251 W. Euclid
Ave., Jackson, Mich.
Cloverbloom Egg Products—Armour &
Company, Union Stock Yards, Chicago 9, Ill.
Clobee Brand—E. F. Drew & Co., Inc.,
15 E. 26th St., New York 10, N. Y.
Cocosol—Stein, Hall & Company, 285
Madison Ave., New York 10, N. Y.
Cocosol—Stein, Hall & Company, 285
Madison Ave., New York 17, N. Y.
Cofee Forte—American Food Laboratories, Inc., 860 Atlantic Ave., Brooklyn 17, N. Y.
Coleman Pure Vanilla Extract—Foote
& Jenks, Jackson, Mich.
Colloidex Citrus Flavors—Dodge & Olcott, Inc., 180 Varick St., New York
14, N. Y.
Comanche Chief—DeLeon Peanut St.,
DeLeon, Texas.
Conax Flavors—Dodge & Olcott, Inc.,
180 Varick St., New York 14, N. Y.

Confectioners Crystal Star Syrup—Corn Products Sales Co., 17 Battery Pl., New York 4, N. Y.
Confecto-Jel-Speas Company, 2400 Nicholson Ave., Kansas City 1, Mo.
Contra Sweet-Widmayer & Jungling, 150 Chambers St., New York 7, N. Y.
Convertit-The Nulomoline Div., American Molasses Co., 120 Wall St., New York 5, N. Y.
Cornell Corn Oil—A. Giurlani & Bro., 537 Front St., San Francisco 26, Calif.
Cosmo Flavors—Dodge & Olcott Inc., 160 Varick St., New York 14, N. Y.
Cox Gelatine—Thomas W. Dunn, Inc., 9 Victoria Terrace, Ridgefield, N. J.
Creme-Mello—H. H. Ottens Mfg. Co., Inc., 127 S. Front St., Philadelphia

Creme-Mello—H. H. Ottens Mfg. Co., Inc., 127 S. Front St., Philadelphia 6, Pa.
Cremol—Swift & Company, U. S. Yards, Chicago 9, Illinois.
Criterion Imitation Flavors—H. Kohnstamm & Company, Inc., 87 Park Pl., New York 7, N. Y.
Crystal Corn Syrup—American Maize Products Co., 100 E. 42nd St., New York, N. Y.
Crystal A Sugar—Franklin Sugar Refining Co., Philadelphia, Pa.
C X C.—Foote & Jenks, Jackson, Mich.
Cyclotene Flavor Intensifier—Dow Chemical Co., Midland, Mich.

Dagger Brand Gelatine—T. M. Duche & Sons, 117 Hudson St., New York 13, N. Y.

& Sons, 117 Hudson St., New York 13, N. Y.
Darco Activated Carbons—Atlas Powder Co., Chemicals Dept., Wilmington 99, Del.
Defiance Chocolate Coating—D. Ghirardelli Co., \$40 N. Point St., San Francisco, Calif.
Delavon Vanilla Powder—Whitson Products, Div. of Borden Co., 350 Madison Ave., New York 17, N. Y.
Delace Flavors—Polak's Frutal Works, Inc., Middletown, N. Y.
D. E. Range 41.5-62.5—Corn Products Sales Co., 17 Battery Pl., New York 4, N. Y.
Diamait—Standards Brands, Inc., 625 Madison St., New York 22, N.Y.
Diamait—Standards Brands, Inc., 625 Madison St., New York 22, N.Y.
Diamond "G" Coconut Products—Durkee Famous Foods, 2670 Elston Ave., Chicago, Ill.
Diamond Shelled Walnuts—California Walnut Growers Assn., 1745 E. 7th St., Los Angeles 54, Calif.
Di Calcium phosphate—The American Agricultural Chemical Co., 50 Church St., New York 7, N. Y.
Difab—Dodge & Olcott, Inc., New York, N. Y.
Dihydro Vanilloin—Florasynth Labora—

Difab—Dodge & Olcott, Inc., New York, N. Y.
Dihydro Vanilloin—Florasynth Laboratories, Inc., 900 Van Nest Ave., New York 2, N. Y.
Dixle Crystals—Savannah Sugar Refining Corp., Savannah, Georgia.
Dixles' Best—Natchez Pecan Shelling Co., Natchez, Miss.
Dogen—Dodge & Olcott, Inc., 180 Varick St., New York 14, N. Y.
Dolco Flavors—Dodge & Olcott, Inc., 180 Varick St., New York 14, N. Y.
Dolcoseal—Dodge & Olcott, Inc., New York, N. Y.
Dolcotne—Dodge & Olcott, Inc., 180 Varick St., New York 14, N. Y.
Dolcotne—Dodge & Olcott, Inc., 180 Varick St., New York 14, N. Y.
Dolcot Flavors—Dodge & Olcott, Inc., 180 Varick St., New York 14, N. Y.
Domco—Dothan Oll Mill Co., Dothan Ala.

Domco—Dothan Oll Mill Co., Dothan, Ala.

Domino Sugars—American Sugar Refining Company, 120 Wall St., New York 5, N. Y.

Dosix Flavors—Dodge & Olcott, Inc., 180 Varick St., New York 14, N. Y.

Douglas Starch—Fenick & Ford, Ltd., Inc., 420 Lexington Ave., New York 17, N. Y.

Drikote—The Capital City Products Co., 1st and Perry Sts., Columbus \$, Ohio. Dri-seal Flavors—Neumann, Buslee & Wolfe, Inc., Chicago 31, Ill.

Drivert—C & H Sugar Refining Co., San Francisco, Calif.

Drivert—C & H Sugar Refining Co., San Francisco, Calif.

Drivert—C & H Sugar Refining Co., San Francisco, Calif.

Drivert—C & H Sugar Refining Co., New Steet—ened Coconut Co., New York 6, N. Y.

Duroglo—Ross & Howe, 50 Church St., New York 7, N. Y.

Duval Brand—S. N. Stollwerck, Inc., 1643-53 Haddon Ave., Camden, N. J.

Duval Brand—S. P. Penick & Co., 50 Church St., New York 7, N. Y.

Dykon—Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.

Eclipse Starches-A. E. Staley Mfg. Co., Decatur, Ill.

Economy Brand Walnuts—Oregon Walnut Growers, Inc., 403 N. Main St., Newberg, Ore.

Eff-Bee Flavors—Fritzsche Brothers, Inc., 76 Ninth Ave., New York 11, N. Y.

N. Y.
Egg-O-Creme Fondant Cream—SennessHerr Company, Sterling, Ill.
Ekomo Flavors—Fritzsche Brothers,
Inc., 76 Ninth Ave., New York 11,
N. Y.

Inc., 76 Ninth Ave., New York 11, N. Y.
Emargol—The Emusol Corp., 59 E.
Madison St., Chicago 3, III.
Emcols MS, SPN—The Emulsol Corp., 59 E. Madison St., Chicago 3, III.
Emcols MS, SPN—The Emulsol Corp., 59 E. Madison St., Chicago 3, III.
Emeraid Wainuts—California Wainut Growers Assn., 1745 E. 7th St., Los Angeles 54, Calif.
Emulso Base—P. R. Dreyer, Inc., 601
W. 26th St., New York 1, N. Y.
Ethavan—Monsanto Chemical Company, 1700 S. 2nd St., St. Louis 4, Mo. Eureka Oil—Florasynth Laboratories, Inc., 390 Van Nest Ave., New York 62, N.Y.
Evenized—S. B. Penick Co., 50 Church St., New York 8, N. Y.
Excello—White Stokes Company, 3615
Jasper Pl., Chicago 9, III.
Exchange Oils—Sunkist Growers, Products Dept., 616 E. Grove St., Ontario, Calif.

Factex—James B. Long & Co., 4642 No. Ravenswood Ave., Chicago 49, Ill. Favorite Brand—Wood & Selick, Inc., 19 Rector St., New York 6, N. Y. Felco—Felton Chemical Co., 599 Johnson Ave., Brooklyn 6, N. Y. Felcobur—Felton Chemical Company. Inc., 599 Johnson Ave., Brooklyn 6, N. Y. Felcofruits—Felton Chemical Company. Inc., 599 Johnson Ave., Brooklyn 6, N. Y.

Inc., 599 Johnson Ave., Brooklyn 6. N. Y.
Felcovan—Felton Chemical Company, Inc., 599 Johnson Ave., Brooklyn 6, N. Y.
Filbert Praline Paste—Merckens Chocolate Co., Inc., 507 Seventh St., Buffalo, N. Y.
Filbisk—The Best Foods, Inc., 1 E.
42rd St., New York 17, N. Y.
F. & J. Flavors—Foote & Jenks, Jackson, Mich.
Flavedol—Givaudan Flavors, Inc., 330 W. 42nd St., New York 36, N. Y.
Flavors of Tomorrow—Florasynth Laboratories, Inc., 960 Van Nest Ave., New York 52, N. Y.
Flavoscents Floral Flavors—Ungerer & Company, Inc., 161 E. 6th Ave., New York 13, N. Y.
Fleischmann's—Standard Brands, Inc., 625 Madison Ave., New York 22, N.Y.
Flex-Sol Flavor—Givaudan Flavors, Inc., 830 W. 42nd St., New York 38, N. Y.
Floy-National Starch Products, Inc., West North 18, N. Y.
Flojel—National Starch Products, Inc., New York 18, N. Y.
Floigle—National Starch Products, Inc., New York 17, N. Y.
Floy-National Starch Products, Inc., New York 17, N. Y.
Floy-National Starch Products, Inc., New York 17, N.Y. Flojel-National Starch Products, Inc., New York 17, N. Y.

New YOFK 17, N. Y.
Flolene Colors.—H. Kohnstamm & Co.
Inc., 89 Park Place, New York 7, N.Y.
Flo-Sweet.—Refined Syrups & Sugars,
Inc., Yonkers 1, N. Y.
Fondax.—White Stokes Company, 3615
Jasper Pl., Chlcago 9, Ill.
Franklin.—The American Sugar Refining Co., 120 Walls St., New York
5, N. Y.

ries Flavors—Ross & Rowe, Inc., New York, N. Y.
Fritzbro—Fritzsche Brothers, Inc., 76
Ninth Ave., New York 11, N. Y.
Fro-Dex—American Maize Products
Co., 100 E. 42nd St., New York 17,
N. Y.

N. Y. Frosto 113 L.—U-Cop-Co., Div., Wilson Co., Chicago 9, Ill.
FR Pure Vanila Extract—Foote & Jonks, Jackson, Mich.
Fruitosynth—Florasynth Laboratories, Inc., 900 Van Nest Ave., New York 62, N. Y.

Fruticenes—Lyons-Magnus, Inc., 2545 16th St., San Francisco 3, Calif.

G-4 Antioxidant—Griffith Laboratories, Inc., 1415 W. 37th St., Chicago 9, Ill. G-400—Gunther Products, Inc., 600 E. Main St., Galesburg, Ill. Gem Desiccated Coconut—Franklin Ba-ker Division, General Foods Corp., Hoboken, N. J. Givco Extracts—Givaudan Flavors, Inc., 330 W. 42nd St., New York 36, N. Y

Givconental Blend-Givaudan Flavors, Inc., 330 W. 42nd St., New York 36,

Giveonental Hlend—Givaudan Flavors, Inc., 330 W. 42nd St., New York 36, N. Y. Glace-ine—Henry H. Ottens Mfg. Co., 129 Front St., Philadelphia 6, Pa. Globe Unmixed Corn Syrup—Corn Prod-ucts Sales Co., 17 Battery Pl., New York 4, N. Y. Glyceryl Mono Stearate—Glyco Prod-ucts Co., Inc., 26 Court St., Brooklyn 1, N. Y.

1, N. Y.
Gold Anchor Brand—Ungerer & Company, 161 E. 6th Ave., New York
13, N. Y.
Golden Bear Nuts—Continental Nut
Co., P. O. Box 503, Chico, Calif.
Golden Toasted Coconut—Franklin Baker Div., General Foods Corp., Hoboken, N. J.
Golden Tree Syrup—New England Map
Syrup Co., 615 Broadway, Chelsea
66, Mass.

Golden Tree Syrup—New England Map Syrup Co., 615 Broadway, Chelsea 66, Mass. Goldkist Pecans — Southland Pecan Products, Inc., Waycross, Ga. G.P.I. Soy Albumen—Gunther Products, Inc., 600 E. Main St., Galesburg, Ill. Grandma's Old Fashioned Molasses— American Molasses Company, 120 Wall St., New York 5, N. Y. Grans—The National Sugar Refining Co., 129 Front St., New York 5, N. Y. Graposynth—Florasynth Laboratories, 900 Van Nest Ave., New York 62, N. Y.

Hallmark Products—Stein, Hall & Company, 285 Madison Ave., New York 17, N. Y. Hanrol Creme—White-Stokes Company, 2616 Jasper Pl., Chicago 9, Ill. Hand Roll Creme—Sennef-Herr Company, P. O. Box 364, Sterling, Ill. Harvest Moon Brand—Continental Nut Co., Chico, Calif. Hercules Colors—H. Kohnstamm & Co., Inc., 39 Park Place, New York 7, N.Y. Highland Block Pure Maple Sugar—Cary Maple Sugar—Cary Maple Sugar—Co., St. Johnsbury, Vt.

Highland Block Pure Maple Sugar—Cary Maple Sugar Co., St. Johnsbury, Vt.

High-Point—Haug & Co., 99 Wall St., New York 5, N. Y.

"H.O.C."—Basic Induatries, Inc., 919 N. Michigan Ave., Chicago 11, Ill.

Honey-B. Tonka and Vanilla Extract—Henry H. Ottens Mfg. Co., 129 S. Front St., Philadelphia 6, Pa.

Hood River—Apple Growers Assn., 3rd St., Hood River, Ore.

Hudson Brand—Wood & Selick Sweetened Coconut Co., New York 6, N. Y.

Hudson River Corn Starch—Corn Products Sales Co., 17 Battery Pl., New York 5, N. Y.

Hudson Valley Sugar—Refined Syrups & Sugars, Inc., Yonkers 1, N. Y.

Hydrol—Durkee Famous Foods, 2333 Logan Blvd., Chicago 47, Ill.

Hydrokote—The Capital City Products Co., 1st and Perry Sts., Columbus 8, Ohio.

Hyfat—Basic Industries, Inc., 919 N.

Michigan Ave., Chicago 11, Ill.

Hyfoama — Lenderink & Co., New York 10, N. Y.

Hygleno Colors—W. J. Bush & Company, Inc., Cos Cob, Conn.

Hysolids—Basic Industries, Inc., 919 N. Michigan Ave., Chicago 11, Ill.

Hystene—Atlas Powder Co., New York 10, N. Y.

Hysolids—Basic Industries, Inc., 919 N. Michigan Ave., Chicago 11, Ill.

Hystene—Atlas Powder Co., Wilming-ton 39, Del.

Icecap Coatings—The Nestle Co., 2 William St., White Plains, N. Y.

1. M. S. Brand—C. F. Simonin's Sons, Inc., Belgrade and Tioga Sts., Philadelphia, Pa.

Inverpectose—White Stokes Company, 3615 Jasper Pl., Chicago 9, Ill.

Isolate—Foote & Jenks, Jackson, Mich.

Jack Frost Brand (flavors—Henry H. Ottens Mfg. Co., Inc., 129-131 S. Front St., Philadelphia 6, Pa.
Jack Frost Cane Sugars—The National Sugar Refining Company of New Jersey, 129 Front St., New York 5, N. Y.
Jaxon Pure Vanilla Extract—Foote & Jenks, Jackson, Mich.
Jelli-Units—Basic Industries, Inc., 919
N. Michigan Ave., Chicago 11, Ill.
Jersey Caramel Creme—White Stokes
Company, 3615 Jasper Pl., Chicago
5, Ill.
Jey and Jix Butter Flavors—Vejin,

Jev and Jix Butter Flavors—Vejin, Inc., 944 W. 5th St., Cincinnati 3, O. Jordan's Peanuts—Old Reliable Peanut Co., Inc., Suffolk, Va.

Kaemit Shortening-Armour & Com-pany, Union Stock Yards, Chicago

pany, Union Steel 9, Ill. Kallistaroms—Schimmel & Company, Inc., 601 W. 26th St., New York 1,

N. Y.
Kanatrol Vanilla—H. Kohnstamm &
Co., Inc., 87 Park Pl., New York
7, N. Y.
Kandee-slab—Extrax Co., 360 Furman
St., Brooklyn 2, New York.
Kaska—Neumann, Buslee & Wolfe, Inc.,
6800 Northwest Highway, Chlcago
31, Ill.
Kelcosol—Kelco Cownen

31, III.

Kelcosol—Kelco Company, 31 Nassau
St., New York 5, N. Y.

Kelgin—Kelco Company, 31 Nassau St.,
New York 5, N. Y.

Kellko—Spencer Kellogg & Sons, Inc.,
98 Delaware Ave., Buffalo 2, N. Y.

Kel-Sovsoy—Spencer Kellogg & Sons,
Inc., 98 Delaware Ave., Buffalo 2,
N. Y.

Kel-Sovsoy—Spence.
Inc., 98 Delaware Ave., Bullato.
Inc., 98 Delaware Ave., Bullato.
N. Y.
Key Brand Citrus Oils—Felton Chemical Co., 599 Johnson Ave., Brooklyn
6, N. Y.
Klearol—L. Sonneborn Sons, Inc., 400
Fourth Ave., New York 10, N. Y.
Kokolene—Armour & Co., Union Stock
Yards, Chicago 9, Ill.
Kola Flavor—P. R. Dreyer, Inc., 600
W. 26th St., New York 1, N. Y.
Koline 76, 92, 110,—Spencer Kellogg
& Sons, Inc., 98 Delaware Ave., Buffalo 2, N. Y.

W. 26th St., New York 1, N. Y.
Koline 76, 92, 110.—Spencer Kellogg
& Sons, Inc., 98 Delaware Ave., Buffalo 2, N. Y.
Konila, Imitation Vanilla—H. Kohnstamm & Co., Inc., 87 Park Pl., New
York 7, N. Y.
Konut Oil—Durkee Famous Foods, Inc.,
2670 Eiston Ave., Chicago, Ill.
Kreamex Flavors—Lyons-Magnus, Inc.,
2645 16th St., San Francisco 3, Calif.
Kreemey White Coating—Boldeman
Chocolate Co., 620 Folsom St., San
Francisco 7, Calif.
Kremax—Armour & Co., Union Stock
Yards, Chicago 3, Ill.
Kreme Tex—Burke Products Co., Inc.,
317 W. Hubbard St., Chicago, Ill.
Kremoline—Sherwood Refining Company, Inc., 1 W. Forest Ave., Englewood, N. J.
Kremor Shortening—Armour & Company, Union Stock Yards, Chicago
9, Ill.
Kreme-O, Vanilla Compound—H. H. Ottens Mg. Company, Inc., 127 S. Front-

III.
 Kreme-O, Vanilla Compound—H. H. Ottens Mfg. Company, Inc., 127 S. Front St., Philadelphia 6, Pa.
 Kremol Slab Oil—Sherwood Refining Company, Inc., Englewood, N. J.
 Kreme Solids—Burke Products Company, 317 W. Hubbard St., Chicago, III.
 Krist-O-Kleer—National Sugar Refining Co., 196 Wall St., New York 5, N. Y.

LaBell Brand—Wisconsin Honey Farm, P. O. Box 239, Oconomowoc, Wis. Lac-Glaze—Bradshaw-Praeger & Co., 3248 W. 47th Pl., Chicago 32, Ili. Lady Sweet Choc. Coating—D. Ghirardelli Co., 940 N. Point St., San Francisco, Calif. Lando' Lakes Honey—Wisconsin Honey Farm, Oconomowoc, Wis. Land O' Lakes Creameries, Inc., Minneapolis 13, Minn.

Land O' Lakes Milks—Land O' Lakes Creameries, Inc., Minneapolis 13, Minn.

Larabee Best—Archer-Daniels-Midland Company, 600 Roanoke Bldg., Minneapolis 2, Minn.

Lexin—American Lecithin Co., 57-01 32nd Ave., Woodside, L. I., N. Y.

Lignin Vanillin, C. P.—Sterwin Chemicals, Inc., 1450 Broadway, New York 18, N. Y.

Lloyd's Brand Flavors—Shepardson Extract Co., Malden, Mass.

Locust Bean Gum—Innis, Speiden & Co., 117 Liberty St., New York 6, N.Y.

Lykanut—Traders Oil Mill Co., Fort Worth, Texas.

Mafco Licorice Syrup—MacAndrews & Forbes Company, 200 Fifth Ave., New York 10, N. Y.
Magna—Magnus, Mabee & Reynard, Inc., 16 Debrosses Street, New York 13, N. Y.

13, N. Y.
Malaboza Brand—B. Heller & Co., Calumet at 40th St., Chicago 15, Ill.
Mallobase—Grayslake Gelatin Co.,
Grayslake, Ill.
Mallo—White Stokes Company, Inc.,
3616 Jasper Pl., Chicago 9, Ill.
Maple Hill Maple Syrup—New England
Maple Syrup Co., 616 Broadway, Chelsea 50, Mass.
Mapleine Crescent—Crescent Manufacturing Company, 667 Dearborn St.,
Seattle 4, Wash.

Maplearome—Florasynth Laboratories Inc., 900 Van Nest Ave., New York 2, N. Y. Marble Brand Stearic Acid—Will & Baumer Candle Co., Inc., Syracuse 1, N. V.

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Baumer Candle Co., Inc., Syracuse 1, N. Y.

Margherita—The Cudahy Packing Co., Box 6787, Memphis 8, Tenn.

Marlane Peanut Oil—A. Giuriani & Bre., 537 Front St., San Francisco 26, Celif.

Maroko—The Best Foods, Inc., 88 Lexington Ave., New York 16, N. Y.

Masetta Creme—White Stokes Company, 3615 Jasper Pl., Chicago 9, Ill.

Master Cook—The Best Foods, 1 E.

43rd St., New York 17, N. Y.

Master-Milk — Senneff-Herr Company, Sterling, Ill.

Masola—Corn Products Sales Company, 17 Battery Pl., New York 4, N. Y.

M. C. P. Pectin—Colyer Pectin Co., 10 West 47th St., New York 19, N. Y.

Meatone Grits—Spencer Kellog & Sona, Inc., Decatur 80, Ill.

Melojel—National Starch Products, Inc., New York 17, N. Y.

Meirose Peanut Oil—Capital City Products Co., 1st Ave. & Perry St., Columbus 8, O.

Melvo Coconut Oil—Durkee Famous Foods, Division of Glidden Company, 2670 Elston Ave., Chicago, Ill.

Microfine—The National Singar Refining Co., 129 Front St., New York 5, N. Y.

Micromul Flavor Bases—Dodge & Olcott Co., 180 Varick St., New York 18.

Micromul Flavor Bases-Dodge & Ol-cott Co., 180 Varick St., New York 18, N. Y.

Micronilla Vanrich—Dodge & Olcott, Inc., 180 Varick St., New York 14, N. Y.

"Mil-Lait"—Dairyland Food Laborato-ries, 620 Prospect Ave., Waukesha,

Will-Kee Solids—White Stokes Company, 3615 Jasper Pl., Chicago 9, Ill. Miner's Cocoa Liquor—D. Ghirardelli Co., 340 N. Point St., San Francisco, Co., S

Co., 940 N. Point St., San Francisco, Calif.
Miroset—Ross & Rowe, 50 Church St., New York 7, N. Y.

MM Ici-Line—H. H. Ottens Mfg. Company, Inc., 127 S. Front St., Philadelphia 6, Pa.
Missouri Dandy Brand—Hammons Products Co., Stockton, Mo.

M. & R.—Magnus, Mabee & Reynard, Inc., 16 Debrosses St., New York 13, N. Y.
Mocha Concrete—Polak's Frutal Works, Inc., Middletown, N. Y.
Mohawk—Magnus, Mabee & Reynard, Inc., 16 Debrosses St., New York 13, N. Y.
Monanto Coumarin—Monsanto Chemical Company, 1700 S. 2nd St., St. Louis 4, Mo.
Monsanto Vanillin—Monsanto Chemical Company, 1700 S. 2nd St., St. Louis 4, Mo.
Moonstar Coconut Oil—Procter & Gamble, Cincinnati Obio.

4, Mo. Moonstar Coconut Oil—Procter & Gam-ble, Cincinnati, Ohio. Moringstar—Paisley Products, Inc., 630 W. 51st St., New York 19, N. Y.

Nadex—National Starch Products, Inc., 270 Madison Ave., New York 16, N. Y. National Certified Food Colors—National Anlilne & Chemical Company, 40 Rector St., New York, N. Y. N.D.G.A. Antioxidant—Wm. J. Stange Co., 342 N. Western Ave., Chicago 12. III

Co., 1 Nectar-Sols—Felton Chemical Company, 599 Johnson Ave., Brooklyn 6, N. Y.

ny, 599 Johnson Ave., Brooklyn 6, N. Y.

Noisette Paste—Merckens Chocolate Company, Inc., 506-520 Seventh St., Buffalo, New York.

Nord Oil—Norda Essential Oil & Chemical Co., Inc., 601 W. 28th St., New York 1, N. Y.

Nubake—The Cudahy Packing Co., Box 6787, Memphis 8, Tenn.

Nubur—The Best Foods, Inc., 1 E. 43rd St., New York 17, N. Y.

Nucoa—best Foods, Inc., 1 E. 43rd St., New York 17, N. Y.

Nucoline—Best Foods, Inc., 1 E. 43rd St., New York 17, N. Y.

Nu Kreme—Burke Products Co., Inc., 317 W. Hubbard St., Chicago, Ill.

Nulco Meloripe—The Nulomoline Div., American Molasses Co., 120 Wall St., New York 5, N. Y.

Nulocrystal—The Nulomoline Division, American Molasses Co., 120 Wall St., New York 5, N. Y.

Nulo moline—Nulomoline Division American Molasses Co., New York 4, N. Y.

Numilk—Burke Products Co., Inc., 317 W. Hubbard St., Chicago 10, Ill. Nu-Pros—James B. Day & Company, 1872 Clybourn Avenue, Chicago 14,

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king Co.

1 & Bro, 26, Calif. 88 Lex. 5, N. Y. Compa10 9, Ill. 18, 1 E. Y.

ompany, ompany, 4, N. Y. etin Co., 19, N. Y. & Sons, Co.,

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e & Ol-York 15,

Tork 14,

Compa-o 9, Ill. irardelli ancisco,

arch St. g. Commmons

Works, Reynard, W York Chemi-St., St. chemical t. Louis & Gam Inc., 630 N. Y.

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ne Div., Vall St., Division, Vall St.,

Division W York

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illinois.
Nutrisoy — Archer-Daniels-Midland
Company, 600 Roanoke Bidg., Minneapolis 2, Minn.
Nutri-Whip — Archer-Daniels-Midland
Company, 600 Roanoke Bidg., Minneapolis 2, Minn.
Nutri-Jel—Speas Company, 2400 Nicholson Ave., Kansas City 1, Mo.
Nuvan—Shulton Fine Chemicals, 630
Fifth Ave., New York 20, N. Y.
NV Pitein—Gunthers Products, Inc.,
Gale burg, Ill.

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OK-The Hubinger Co., Keokuk, Iowa. Olivarome-Florasynth Laboratories, 900 Van Nest Ave., New York 62,

Olivarome—Florasynth Laboratories, 390 Van Nest Ave., New York 62, N. Y. Onesta Hardener—Procter & Gamble, Gwynne Building, Cincinnati, Ohio. O. P. Mait Syrup & Spray Dried Malt—Malt-Diatase Co., 1535 Decatur St., Brooklyn 27, N. Y. Optimo—S. B. Penick and Co., 50 Church Street, New York 7, N. Y. Oroco—Ross & Howe, 50 Church St., New York 4, N. Y. O-Van, Concentrated Vanilla—H. H. Ottens Mfg. Company, Inc., 127 S. Front St., Philadelphia 6, Pa. Ozone-Vanillin—Ungerer & Company, 161 E. 6th Ave., New York 13, N. Y.

Palatone Flavor Intensifier—Dow Chemical Co., Midland, Mich. Palmana Brand—Superior Fruit Processing Co., Inc., Staten Island 6, N. Y. Panlube—W. A. Cleary Corp., New Brunswick, N. J.
Paragon—Magnus, Maybee & Reynard, Inc., 16 Debrosses St., New York 13, N. Y.
Paragon—Magnus, Maybee & Reynard, Inc., New York 18, N. Y.
Paramount Refined Edible Coconut Oll—Durkee Famous Foods, 900 Union Commerce Bidg., Cleveland 14, O.
Paranilla, Imitation Vanilla—H. Kohnstamm & Co., Inc., 83 Park Place, New York 7, N. Y.
Peacock Brand Certified Food Color—Wm. J. Stange Co., 342 N. Western Ave., Chicago 12, Ill.
Pecanway—Orangeburg Pecan Co., Box 38, Orangeburg, S. C.
Pectolene—Burke Products Co., Inc., 217 W. Hubbard St., Chicago 10, Ill.
Peebles—Western Condensing Co., Appleton, Wis.
PEG 42 Oil & Fat Coupler—Glyco Products Co., Inc., 26 Court St., Brooklyn 2, N. Y.
Penck Refined Oil—Penick & Ford, Ltd., Inc., 420 Lexington Ave., New York 17, N. Y.
Pennant—Union Sales Corp., Union Starch & Refining Co., 301 Washington St., Columbus, Indiana.
Perfection Karamel Kreme—White Stokes Company, 3615 Jasper Place, Chicago 9, Ill.
Permaseal—Givauden Flavors Inc., 330 W. 42nd St., New York 38, N. Y.
Peter's—The Nestle Company, 2 William St., White Plains, N. Y.
Penck White Plains, N. Y.
Pencker — Processed Fords, Inc., 300 Washington St., New York 38, N. Y.
Peter's—The Nestle Company, 2 William St., White Plains, N. Y.
Plastek—Durkee Famous Foods, 1nc., 12, N. Y.
Poowaromas—Polak & Schwarz, 667
Washington St., New York 14, N. Y.
Pomeum—Foote & Jenks, Ja

Premium—Foote & Jenks, Jackson, Michigan. Pressnilla—Prestige Products Co., 261 Fifth Ave., New York 16, N. Y.

Profic—Traders Oil Mill Co., Ft. Worth 1, Texas.
Pro-Tan—T. H. Angermeier & Co., De-393 Seventh Ave., New York 1, N. Y. Pro-Tan—T. H. Angermeier & Co., Cedar Grove, N. J.
Protethyl—Florasynth Laboratories, Inc. 900 Van Nest Ave., New York 62, N. Y.
Proteyan—Florasynth Laboratories.

62, N. Y.
Protovan—Florasynth Laboratories,
Inc., 900 Van Nest Ave., New York
62, N. Y.
P & S Flavors—Polak & Schwartz,
Inc., 664 Washington St., New York
14, N. Y.
Pureco—The Capital City Products Co.,
1st & Perry Sts., Columbus 8, Ohio.
Purltose—Corn Products Sales Company, 17 Battery Place, New York 4,
N. Y.

Purity Glaze—National Starch Products, New York 17, N. Y.

Quadrovan—Felton Chemical Company, Inc., 599 Johnson Ave., Brooklyn 6, New York.
Quaker Brand—Henry H. Ottens Mfg. Co., Inc., 129 S. Front St., Philadelphia 6, Pa.
Quaker Cane & Liquid Sugar—National Sugar Refining Co., 100 Wall St., New York 5, N. Y.
Queen Chocolate Coating—D. Ghirardelli Co., 340 North Point St., San Francisco, Calif.

Raceland—Godchaux Sugars, Inc., Car-ondelet Bldg., New Orleans 12, La. Rapidolac—The Goshen Milk Condens-ing Co., 1110-24 S. 9th St., Goshen, Ind.

Resanilla—Felton Chemical Company, Inc., 599 Johnson Ave., Brooklyn 6,

Ind.
Resanilia—Felton Chemical Company,
Inc., 599 Johnson Ave., Brooklyn 6,
N. Y.
Red V Brand—Wood & Selick Sweetened Coconut Co., Inc., 19 Rector St.,
New York 6, N. Y.
Red Ribbon Brand—Continental Nut
Co., Chico, Calif.
Red Seal Products—Warner Jenkinson
Mfg. Co., 2526 Baldwin St., St. Louis
6, Mo.
Resyn—National Starch Products, Inc.,
New York 17, N. Y.
Rex Corn Syrups—Corn Products Refining Co., 17 Battery Place, New
York 4, N. Y.
Ripe Creme—Seneff-Herr Company,
Sterling, Ill.
Roba—Procter & Gamble Company,
Gwynne Bldg., Cincinnati, Ohlo.
Romany Brand Coconut—The Hills
Brothers Co., 110 Washington St.,
New York 5, N. Y.
Rosemere Molasses—American Molasses Company, 120 Wall St., New York
5, N. Y.
Runkel's—The Nestle Company, 2 William St., White Plains, N. Y.

Sa Compound Citrus Flavor Concentrate—Foote & Jenks, Jackson, Mich. Salvinol—Florasynth Laboratories, Inc., 900 Van Nest Ave., New York 62, N. Y.
8 70XX — Best Foods, Inc., 1 E. 43rd St., New York 17, N. Y.
Sea Island Cane Sugars & Syrups—Western Sugar Refinery, 12 Pine St., San Francisco 11, Calif.
Sealva Flavors—Van Amerigen-Haebler, Inc., New York 13, N. Y.
Sets-It-Durkee Famous Foods, Division of the Glidden Company, 2670 Elston Ave., Chicago, Ill.
Setaquick—Henry H. Ottens Mfg. Co., 129 S. Front St., Philadelphia 6, Pa. Ship Oriental Licorice Paste—MacAndrews & Forbes Co., 200 Fifth Ave., New York 10, N. Y.
Silver Cloud Nougat Creme—Chip-ee Mfg. Co., 810 St. John St., Allentown, Pa.
Silver Prost—Procter & Gamble Com-

Pa.
Silver Frost—Procter & Gamble Company, Gwynne Pldg., Cincinnati, Ohio.
Simanilla—James B. Long & Co., 4642
N. Ravenswood, Chicago 49, Ill.
Simon Pure—Armour & Company
Union Stock Yards, Chicago 9, Illinoise

nois.
Simplex Kettle Wax—Widmayer & Jungling, New York 7, N. Y.
Skimilkris—The Borden Company, 350
Madison Ave., New York, N. Y.
S & M Coatings—Sparrow & Meins
Checolate Co., Inc., 145 Columbia
Ave., Boston 16, Mass.
Slab-Cote—Caravan Products Co., Inc.,
35 Eighth St., Passaic, N. J.

Snowcap-Coatings—The Nestle Co., 2
William St., White Plains, N. Y.
Snow White Acid—Stauffer Chemical
Co., New York 17, N. Y.
S-70-XX Hard Butter—The Best Foods,
Inc., New York, N. Y.
Sorbistar—Chas. Pfizer & Co., 630
Flushing Ave., Brooklyn 6, N. Y.
Sorbo—Atlas Powder Co., Wilmington
99, Del.
Southern Belle Pecan Master Standard

Sorbo—Atlas Powder Co., Wilmington 99, Del.
Southern Belle Pecan Meats—Standard Brands, New York, N. Y.
Soyco—Whitson Products, Division of the Borden Company, 350 Madison Ave., New York 17, N. Y.
Soyex, Soyfiake and Special X—Spencer Kellogg & Sons, Inc., Decatur 80, Ill.
Soynuts—Whitson Products Division of The Borden Company, 350 Madison Ave., New York 17, N. Y.
Span, Tween Emulsifiers—Atlas Powder Co., Chemicals Dept., Wilmington 99, Del.
Spiceal—S. B. Penick & Co., 50 Church St., New York 14, N. Y.
Spicoolate Flavors—Dodge & Olcott, Inc., New York 14, N. Y.
Spisoresin Flavors—Dodge & Olcott, Inc., New York 14, N. Y.
S-Plastic Filbisk—The Best Foods, 1 E. 43rd St., New York 17, N. Y.
Stanford Checolate Coating—D. Ghirardelil Co., 340 N. Point St., San Francisco, Calif.
Star Corn Oil—Armour & Company Union Stock Yards, Chicago 9, Illinols.
Star-Glo, Star Gold and Star-Lite Milk

nois. Star-Glo, Star Gold and Star-Lite Milk Products—North Star Dairy, \$25 New York Bidg., St. Paul 1, Minn. Sta-Sol—A. E. Staley Mfg. Co., De-

Sta-Sol—A. E. Staley Mfg. Co., Decatur, III.
Sterwin Vitamins—Sterwin Chemical
Co., New York, N. Y.
Sucrest—American Molasses Co., Nulomoline Div., 120 Wall St., New York
Sugarnus Th.

Sugarnut—The Standard Fruit Product Co., 208-210 Main St., Cincinnati 2,

moline Div., 120 Wall St., New York 5, N. Y.
Sugarnut—The Standard Fruit Product Co., 208-210 Main St., Cincinnati 2, Ohio.
Summerettes—Cocoline Chocolate Co., 689-697 Myrtle Ave., Brooklyn 5, N. Y.
Sun-Ban—Sanib Corporation, 122 East 42nd Street, New York 17, N. Y.
Sunnycane Sugar—The American Sugar—Refining Co., 120 Wall Street, New York 5, N. Y.
Sun-Ripe—Sun-Ripe Cocoanut Corp., New York 5, N. Y.
Sun-Ripe—Sun-Ripe Cocoanut Corp., New York 5, N. Y.
Sunshine Cherries—Ohio Fruit Products Co., North East, Pa.
Suntand Wainuts—California Wainut Growers Assn., 1745 E. 7th St., Los Angeles 54, Calif.
Super Cook—The Best Foods, 1 E. 43rd St., New York 17, N. Y.
Super Kreme—White Stokes Company, 3615-22 Jasper Place, Chicago 9, Ill.
Super Pectin—White Stokes Company, 3615 Jasper Place, Chicago 9, Ill.
Super Po Seasoning—The Best Foods, 1 E. 43rd St., New York 17, N. Y.
Superscor—E. F. Drew & Co., New York 10, N. Y.
Super Solids—White Stokes Company, 3615 Jasper Place, Chicago 9, Ill.
Super Po Seasoning—The Best Foods, 1 E. 43rd St., New York 17, N. Y.
Superscor—E. F. Drew & Co., New York 10, N. Y.
Super Solids—White Stokes Company, 3615 Jasper Place, Chicago 9, Ill.
Supertex Gelatin—Swift & Co., Kearny, N. J.

Superwhip Gelatin-Swift & Co., Kearny, N. J.

Sustane—Universal Oil Products Co., 310 So. Michigan Ave., Chicago, Ill. Sweetose—A. E. Staley Mfg. Company, Decatur, Ill.

Syntharome—Florasynth Laboratories, Inc., 906 Van Nest Ave., New York 62, N. Y.

Synthofruit—Florasynth Laboratories, Inc., 900 Van Nest Ave., New York 62, N. Y.

Tastex—Standard Brands, Inc., 625 Madison Ave., New York 22, N.Y. Tennessee Belle Black Walnut Kernels —Block Brothers, 141 2nd Ave. S., Nashville 2, Tenn.

Nashville 2, Tenn.

Tenox—Tennessee Eastman Co., Kingsport, Tenn.

TFC Fruit Flavor Concentrate—Foote & Jenks, Jackson, Mich.

Tricol—American Molasses Company, 126 Wall St., New York 5, N. Y.

Trinity Salad Oil—The Best Foods, 1 E. 43rd St., New York 17, N. Y.

Tropical Flake Brand—Wood & Selick Sweetened Coconut Co., Inc., 19 Rector St., New York 6, N. Y.

Tru-Conomy Flavors—Ross & Rowe, 50 Broadway, New York 4, N. Y. Trutaste Flavors—Neumann-Buslee & Wolfe, Inc., 5800 Northwest Highway, Chicago 31, Ill. Two Stars ** Sugar Coloring—W. J. Bush & Company, 9 East 38th Street, New York, N. Y.

U

Ucopco-United Chemical & Organic Company, Calumet City, Ill. Udipit-D. G. Ghardelli Co., 940 North Point St., San Francisco, Calif. Uncle John's Syrup-New England Ma-ple Syrup Co., 615 Broadway, Chel-sea 50, Mass. UNCO-Ungerer & Company, 161 E. 6th Ave., New York 13, N. Y.

Vac-Products—Senneff-Herr Company, Sterling, III.
Val-Ex Flavors—Neumann-Buslee and Wolfe, Inc., Chicago 31, III.
Valex Vanilla—W. J. Bush & Company, 127 Boston Post Rd., Cos Cob. Con.
Valley Chocolate Coating—D. Ghirardelli Co., 940 North Point St., San Francisco, Calif.
Francisco, Calif.
Valley Fresh—Western Condensing Co., 340 W. College Ave., Appleton, Wis.
Val-Oyl Vanilla Concentrate—H. H. Ottens Mfg. Company, Inc., 127 S. Front St., Philadelphia 6, Pa.
Valupak Brand Walnuts—Oregon Nut Growers, Inc., 403 N. Main St., Newberg, Ore.
Val-Wyn Vanilla Concentrate—H. H. Ottens Mfg. Company, Inc., 127 S. Front St., Philadelphia 6, Pa.
Vanafour—James B. Long & Co., 4642 N. Ravenswood, Chicago 40, III.
Vanatol—H. Kohnstamm & Co., 4642 North Ravenswood, Chicago 40, III.
Vanatol—H. Kohnstamm & Co., Inc., 83 Park Place, New York 7, N. Y. Van Boquet—B. Heller & Co., Calumet at 40th St., Chicago 15, III.
Van-Concentrate—Wm. H. Bell Company, 330 No. Ashland Ave., Chicago 7, III.

Van-Ell Flavors-Wm. M. Bell Compa-ny, 330 N. Ashland Ave., Chicago 7,

ny, 330 N. Ashland Ave., Ullinois. Vanette—Florasynth Laboratories, Inc., 900 Van Nest Ave., New York 62, N. Y.

Vanex Vanilla—P. R. Dreyer, Inc., 601 W. 26th St., New York 1, N. Y. Vanibene—Felton Chemical Company, Inc., 599 Johnson Ave., Brooklyn 6,

N. Y.
Vanillabee—James B. Long & Co., 4642
Ravenswood, Chicago 40, Ill.
Vanilla Isolate—Foote & Jenks, Jackson, Mich.
Vanillal—Polak's Frutal Works, Inc.,
Middletown, N. Y.
Vanillarome—Fiorasynth Laboratories,
Inc., 900 Van Nest Ave., New York
62, N. V.

Vanillarome—Florasynth Laboratories, Inc., 900 Van Nest Ave., New York 62, N.Y. Vanilla Veritas—Florasynth Laboratories, Inc., 900 Van Nest Ave., New York 62, N.Y. Vanillo XXX—Foote & Jenks, Inc., Jackson, Mich. Vanillum—Foote & Jenks, Inc., Jackson, Mich. Vanillum—Foote & Jenks, Inc., Jackson, Mich. Vanillin Ester—Florasynth Laboratories, Inc., 900 Van Nest Avenue, New York 62, N.Y. Vanillin, U.S.P.—The Dow Chemical Co., Midland, Mich. Vaniprox—Dodge & Olcott, Inc., 180 Varick St., New York 14, N.Y. Vaniloid—B. Heller & Co., Calumet at 40th St., Chicago 15, Ill. Vanisco Flavor—Wm. M. Bell Company, 330 No. Ashland Ave., Chicago 7, Ill.

ny in

Vanitrope—Merory Flavors, Inc., 697 Route 46, Clifton, N. J Vanol—American Food Laboratories, Inc., 860 Atlantic Ave., Brooklyn 17, N. Y.

N. Y. Vanola—P. R. Dreyer, Inc., 601 W. 26th St., New York 1, N. Y. Vanoyl, Concentrated Vanilla—H. H. Ottens Mfg. Company, 127 S. Front St., Philadelphia 6, Pa. Van-Sal Vanillas—S. H. Mahoney Extract Co., 221 E. Cullerton Rd., Chicago 16, Ill.
Veg-A-Loid—T. H. Angermeier & Co., Cedar Grove, N. J. Yeg-Gel—Stein, Hall Mfg. Company, 285 Madison Ave., New York 17, N. Y. Velvet—The C. M. Pitt & Sons, Co., Key Highway & Boyle Sts., Baltimore 30, Md. Vend-O-Blend Flavors—Hurty-Pack &

Vend-O-Blend Flavors—Hurty-Peck & Co., Indianapolis 7, Ind.

Co., Indianapolis 7, Ind.
Veo—The Best Foods, 1 E. 43rd St.,
New York 17, N. Y.
Veramaple—Felton Chemical Company,
599 Johnson Ave., Brooklyn 6, N. Y.
Veri-Essence—Food Materials Corp.,
2521 W. 48th St., Chicago 32, Ill.
Veritan-Food Materials Corp.,
48th. St., Chicago 32, Ill.

Verity Flavors & Colors—Food Materials Corporation, 2521 W. 48th St., Chicago 32, Ill.
Vitamins Candex—Enrichment Products Co., 527 Fifth Ave., New York 17, N. Y.
Vnomel—Felton Chemical Company, Inc., 599 Johnson Ave., Brooklyn 6, N. Y.

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Vogue-Foote & Jenks, Jackson, Mich.

Warrick Freres Grasse France—J. Man-heimer, 214 E. 21st St., New York 10,

heimer, 414 2.

N. Y.

G. Washington Coffee Flavoring —
American Home Foods, Inc., 22 E.
40th St., New York 16, N. Y.
Wecobee Fats—E. F. Drew Co., New
York 10, N. Y.
Whisto Invert Sugar—White-Stokes
Co., Inc., 3815 Jasper Pl., Chicago

9, 11l.
Whistojel—White Stokes Company,
3615 Jasper Pl., Chicago 9, 11l.
Whisto Solids—White-Stokes Co., Inc.,
3615 Jasper Pl., Chicago 9, 11l.
White House—National Fruit Product
Co., Inc., Winchester, Va.
White Lilac—The Malone Oil Co., 2197
E. 18th St., Cleveland 15, Ohio.
White Protopet—L Sonneborn Sons,
Inc., 300 Fourth Ave., New York 10,
N. Y.

N. Y.
Whitten Hypower—J. O. Whitten Co.,
Winchester, Mass.
Winco—Capital City Products Co., 1st
Ave. & Perry St., Columbus \$, Ohio.
Win-You—Blanke-Baer Extract & Preserving Company, 3224 S. Kingshighway, St. Louis 9, Mo.
W & S Favorite Brand—Wood & Selick
Coconut Co., Inc., 19 Rector St., New
York 6, N. Y.

XYZ

X-L Cream Caramel Paste—Sennessent Herr Company, Sterling, Ill. Yelkin, Standardized Lecithin—Ross & Rowe, Inc., 50 Church St., New York 7, N. Y. Zakura—Florasynth Laboratories, Inc., 900 Van Nest Ave., New York 62, N. Y.

N. I. Zanzibar Brand—B. Heller & Co., Calu-met at 40th St., Chicago 15, Ill. Zimco Lignin Vaniilin—Sterwin Chem-icais, Inc., 1450 Broadway, New York 18, N. Y.

3. Packaging and Merchandising Materials Division

A-B-See—Oneida Paper Products, Inc., 10 Clifton Blvd., Clifton. N. J. Able-Labels—Allen Hollander Co., Inc., 385 Gerard Ave., New York 51, N. Y. Agate Dipping Paper—Mathias Paper Corp., Philadelphia, Pa. Airbuff—Frank M. Sayford Co., Inc., 50 Washington St., Brooklyn 1, N. Y. Ajax Glaze—Chas. A. Williams, Inc., 303 Lafayette St., New York, N. Y. Alcoa—Aluminum Co. of America, 801 Gulf Bldg., Pittsburgh, Pa. Alseco—Aluminum Seal Co., New Kensington, Pa.

Gulf Bidg., Pittsourgh, Fa.
Alseco-Aluminum Seal Co., New Kensington, Pa.
Amber Kleerglaze—Rhinelander Paper
Co., Rhinelander, Wis.
American Beauty—C. R. Whiting Co.,
Inc., Hackensack, N. J.
Anchorglass—Anchor Hocking Glass
Corp., 230 Glass Ave., Lancaster, Ohlo.
Amkleer—American Paper Goods Co.,
Kensington, Conn.
Apago—Atlanta Paper Co., Atlanta, Ga.
APG Glassine Bags—The American Paper Goods Co., Kensington I, Conn.
Argette—Kupfer Bros. Co., 4 Astor Pl.,
New York 3, N. Y.
Aristo—American Paper Goods Co.,
Kensington, Conn.
Artboxtone—Chas. W. Williams & Co.,
Inc., 303 Lafayette St., New York,
N. Y.

Pastels—Chas. W. Williams & Co., nc., 203 Lafayette St., New York,

N. Y.
Asterix Brocade—Hampden Glazed Paper & Card Co., Holyoke, Mass.
Autonest Dividers—Chicago Carton Co.,
Chicago 32, Ill.
Avisco—American Viscose Corp., Film.
Div., 1617 Pennsylvania Blvd., Philadelphia 3, Pa.

B

Babytone—Chas. W. Williams & Co., Inc., 803 Lafayette St., New York, Inc.,

Ballyhoo—Chas. W. Williams & Co., Inc., 303 Lafayette St., New York,

Baret Ware-I. D. Comp. St., New York 12, N. Y. -I. D. Company, 150 Spring

Beautebox—American Can Co., 230 Park Ave., New York, N. Y. Beautifoil—The Marvellum Co., Hol-yoke, Mass.

yoke, Mass.
Beveledge—National Folding Box Company, Inc., New York, N. Y.
Bendifane—Bendix Printing Co., 480
Canal St., New York, N. Y.
Bendipads—Bendix Printing Co., 480
Canal St., New York, N. Y.

Betty Brite—American Lace Paper Co., 4425 N. Port Washington Ave., Mil-waukee, Wis.

wankee, Wis.

Birchette—Kupfer Bros. Co., 4 Astor
Pl., New York, N. Y.

Blackbord Embossed—Chas. W. Williams & Co., Inc., 303 Lafayette St.,
New York, N. Y.

Bliss—Daytor Folder Co. 282 W. 15.

New York, N. 1. liss—Dexter Folder Co., 330 W. 42nd St., New York 18, N. Y. Blossomtime—Chas. W. Williams & Co., Inc., 303 Lafayette St., New York, N. Y.

Bond Crowns—Continental Can Company, 100 E. 42nd St., New York 17, N. Y. N. Y. Box-weld—F. G. Findley Co., Milwau-kee 45, Wis. Brightwood—Holyoke Card & Paper Co., Springfield, Mass.

Burlabox-Columbia Corrugated Co., 100 Wooster, New York,

C

Cameoflux—Cameo Die & Label Co., 154 W. 14th St., New York, N. Y. Canco Tin Containers—American Can Co., 230 Park Ave., New York, N. Y. Candypak Labels—Tompkins' Label Service, Frankford Ave. at Allegheny Ave., Philadelphia 34, Pa. Canvelope—Kehr Products Co., 429 N. Broad St., Philadelphia 3, Pa. Cellothene—Cheslam Corp., Yonkers, N. Y.

N. Y.
Celluloid—Celanese Plastics Corp., 180
Madison Ave., New York 18, N. Y.
Cel-O-Seal—E. I. Dupont De Nemours
& Co., Inc., Wilmington, Del.
Celowax—Riegel Paper Corp., 343 Madison Ave., New York, N. Y.
Cencorap Paper—Central States Paper
& Bag Co., Inc., 5221 Natural Bridge,
St. Louis 15, Mo.
Chastic Olitexing—Chastec Mfg. Co.,

Chastik Olitexing—Chaspec Mfg. Co., 342 W. Putnam Ave., New York, N. Y. Cheslene—Chester Packaging Products Corp., 284 Nepperhan Ave., Yonkers 2, N. Y.

2, N. Y.
Chesroyale, Chesfoil, Chespak—Cheslam
Corp., Yonkers, N. Y.
Clarite 180—Stek-O-Corp., 1681 Dewey
Ave., Rochester 15, N. Y.
Clarseal-Clark Stek-O Corp., Stek-O
Hill, Rochester 15, N. Y.
Clartac 57—Clark Stek-O Corp., Stek-O
Hill, Rochester 15, N. Y.
Climax—Hinde & Dauch Paper Co.,
Sandusky, Ohio.

Climax—Hinde & Dauch Paper Co., Sandusky, Ohio. Colorettes—The Dobeckmun Co., 3301 Monroe Ave., Cleveland, Ohio. Comet—McLaurin Jones Co., Brook-

Comet-McLe field, Mass.

Fent—O-Seal—Fenton Label Company, 508 Race St., Philadelphia 6, Pa.
Fiberpak—Continental Can Co., Inc., Paper Converting Division, 100 E.
42nd St., New York 17, N. Y.
Fibestos—Monsanto Chemical Co., 1700 S. Second St., St. Louis 4, Mo.
Fibredown—The General Cellulose Co., Inc., Garwood, N. J.
Fidel-I-Tone—Lord Baltimore Press, 1601 Edison Highway, Baltimore 13, Md.

1601 Edison Highway, Baltimore 13, Md.

Flav-R-Lok—Oneida Paper Products, Inc., 10 Clifton Bivd., Clifton, N. J. Flexi-Cartons—Bemis Bro. Bag Co., 408 Pine St., St. Louis 2, Mo. Flexotic—National Folding Box Co., New York, N. Y. Flo-Paque Opaque Colors—Floquil Products, Inc., 1993 Broadway, New York 23, N. Y.

Flex-O-Case—The Waddell Co., Inc., Greenfield, Ohio.

Florafoil—M. H. Levine Co., Inc., 28-32 W. 27th St., New York 1, N. Y.

Floral Brocade Box Paper—Hampden Glazed Paper & Card Co., Holyoke, Mass.

Mass.

Flossine—Geo. H. Sweetnam, Inc., 286

Portland St., Cambridge 41, Mass.

Folirap—Rapinwax Paper Company,
150 28th Ave., Minneapolis 14, Minn.

Fold-Pak—Container Corp. of America,
38 S. Dearborn St., Chicago, Ill.

Foldomatle—The Interstate Folding
Box Co., Verity Parkway, Middletown, Ohio.

Foldomatic—Serity Parkway,
Box Co., Verity Parkway,
town, Ohio.
Fram-Vue—National Folding Box Co.,
New York, N. Y.
Ful-Lok—Oneida Paper Products, Inc.,
10 Clifton Blvd., Clifton, N. J.

Gem Dipping Paper and Plaques—Geo. H. Sweetnam, Inc., 286 Portland St., Cambridge 41, Mass. Globular—Geo. H. Sweetnam, Inc., 286 Portland St., Cambridge, Mass. Glorifoil—The Marvellum Co., Holyoke, Mass.
Goldlite—Louis Dejonge & Co., 345
Broadway, New York 13, N. Y.
Gold Nugget Case—The Waddell Co.,
Inc., Greenfield, Ohio.
Goldseal—Gummed Tape & Devices Co.,
1318 60th St., Brooklyn 13, N. Y.
Green Core Gummed Tape—Mid States
Gummed Paper Co., Bedford Park, Ill.
Grib-A-Tab—Derby Sealers, Derby,
Conn. conn. Conn.

Gumcraft—Gummed Tape & Devices
Co., 1069 Rogers Ave., Brooklyn 26,

H & D Boxes and Cartons—Hinde & Dauch Paper Co., Sandusky, Ohio. Handirol—Gummed Tape & Devices Co., 1318 60th St., Brooklyn 19, N. Y. Handy A & Handy B Brushes—Ideal Stencil Machine Co., 102 Iowa Ave., Belleville, III.

Belleville, III.

Hastipak—The Interstate Folding Box
Co., Verity Parkway, Middletown,
Oho.

Heat-O-Seal Labels—Tompkins' Label
Service, Frankford Ave. at Allegheny, Philadelphia 34, Pa.

Hi-Lite—Dennison Mfg. Co., Framingham, Mass.

Hi-Low—Container Corp. of America,
28 S. Dearborn St., Chicago, III.

H.T. Non-Stick — Murname Faper Co.,
1510 No. Kostner Ave., Chicago 51,
III.

1510 No. Kostner Ave., Chicago Hudnut Artificial Snow—Decatur Mill-ing Co., Inc., Decatur, Ill. Hyalac—The Meyercord Co., 5323 W. Lake St., Chicago, Ill. Hy-Glos Labels—Tompkins' Label Serv-ice, Frankford Ave., at Allegheny, Philadelphia 34, Pa. Hysheen—Wm. E. Wright & Sons Co., West Warren, Mass. Hysiltone, Hysiltex—Hysil Mfg. Co., Spring Ave., Revere, Mass.

Imac—Nashua Corp., 44 Franklin St., Nashua, N. H. Insite Signs—Milprint, Inc., 4200 N. Holton St., Milwaukee 1, Wis. Introfold—National Folding Box Co., New York, N. Y. Itatix Tape—Nashua Corp., 44 Frank-lin St., Nashua, N. H. Ivorytone—Newark Parafine & Parch-ment Paper Co., 50 Jelliff Ave., New-ark 8, N. J.

K

Kiltie Plaids—Chas. W Williams & Co., Inc., 393 Lafayette St., New York, N. Y. Inc., 303 Lafayette St., New York, N. Y.
Kimpack—Kimberly-Clark Paper Co., Neenah, Wis.
Kleen Kups—Mono Service Co., 349 Oraton St., Newark, N. J.
Kleerview—Rhinelander Paper Co., Rhinelander, Wis.
Kleerwrap—Rhinelander Paper Co., Rhinelander, Wis.
Klikok Boxes—National Folding Box Co., Inc., James and Alton Sts., New Haven 4, Cons.
Kliktop—National Folding Box Co., New York, N. Y.
Kodapak—Eastman Kodak Co., 343
State St., Rochester, N. Y.
Kor-Rek Built Boxes—Kroeck Paper
Box Co., 1701 W. Superior St., Chicago, Ill.
Koroseal—B. F. Goodrich Co., Akron, Ohio.
Krimpac—Milprint, Inc., 4200 N. Hol-

Ohio.
Krimpac—Milprint, Inc., 4200 N. Holton St., Milwaukee I., Wis.
Krimp-O-Seal.—Tompkins Label Service, Frankford Ave., Philadelphia

Krimp-U-Sear,
Ice, Frankford Ave., Philader,
34, Pa.
Kum-Kleen—Avery Adhesive Label
Corp., 1616 So. California Ave., Monrovia, Calif.
KVP—Kalamazoo Vegetable Parchment
Co., Kalamazoo, Mich.
Kwik-Way—The Meyercord Co., 5323
W. Lake St., Chicago, Ill.

Lafayette—Chas. W. Williams & Co., Inc., 303 Lafayette St., New York, N. Y. N. Y.
Lanova—Lachman Novasel Paper Co.,
109 Greene St., New York 12, N. Y.
Leverpak—Continental Can Co., Inc.,
Paper converting Division, 100 E.
42nd St., New York 17, N. Y.
Lightning Flash Enamel Box Paper,
McLaurin-Jones Co., Brookfield, Mass.
Lightning Pali Pockets—Chicago Carton Co., 4200 S. Pulaski Rd., Chicago,
Ill.
Lint-Free—Murraya. III.
Lint-Free—Murnane Paper Co., 1810
No. Kostner Ave., Chicago \$1, III.
Lockiss Papers—The Specialty Paper
Co., Dayton \$, Ohio.

Co., Jayton 8, Ohio.

Locktwist—The Specialty Papers Co.,
Dayton 8, O.

Lodestone Box Paper—Hampden Glazed
Paper & Card Co., Holyoke, Mass.

Lotus Brockade Box Paper—Hampden
Glazed Paper & Card Co., Holyoke,
Mass.

Glazed Paper & Card Co., Holyoko, Mass.
Lumarith—Celanese Plastics Corp., 180
Madison Ave., New York 16, N. Y.
Lustron—Hartford City Paper Co.,
Hartford City, Ind.
Lustron (Polystyrene)—Monsanto
Chemical Co., 1700 S. Second St., St.
Louis 4, Mo.

Made-Right Sample Cases—Knicker-bocker Case Co., 711 W. Lake St., Chicago, Ill.
Master Ray—Reynolds Metals Co., Federal Reserve Bank Bidg., Richmond, Va.
Masterbuilt Candy Boxes—F. J. Schleicher Paper Box Co., 1811 Chouteau Ave., St. Louis, Mo.
Mayco—Mayer Manufacturing Corp., 3130 W. 51st St., Chicago 32, Ill.
Melco—Seymour Products Co., Seymour, Conn.

3130 W. 518.

Molco-Seymour Products Co., Seymour,
Conn.

Metacel—Reynolds Metals Co., Federal
Reserve Bank Bldg., Richmond, Va.

Metalglass—Hartford City Paper Co.,
Hartford City, Ind.

Metalour—The Marvellum Co., Holyoke,
Mass.

Metaltone—Chas. W. Williams & Co.,
Metaltone—Chas. W. Williams & Co.,

Mass.
Metaltone—Chas. W. Williams & Co.,
Inc., 303 Lafayette St., New York,

Metaltone—Chas. W. Williams & Co., Inc., 303 Lafayette St., New York, N. Y. Mikah—National Adhesives Div., National Starch Products, Inc., New York, N. Y. Milcote—Milprint, Inc., 4200 N. Holton St., Milwaukee i, Wis. Mirofoil—The Marvellum Co., Holyoke, Mass.

Mass.

Monarch Dipping Paper and Plaques—
Geo. H. Sweetnam, Inc., 286 Portland
St., Cambridge 41, Mass.

Mono containers—Continental Can Co.,
100 E. 42nd St., New York 17, N. Y.

National Adhesives—National Starch Co., 270 Madison Ave., New York 16, N. Y.

Confex—W. J. Bradford Paper Co., 3742 S. Ashland Ave., Chicago 9, Ili. Conolex—Continental Can Co., 100 E. 42nd St., New York, N. Y. Corrodek—Sherman Paper Products Corp., 160 Oak St., Newton Upper Falls Mass

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Inc., in.

42nd St., New York, N. Y.
Corrodek—Sherman Paper Products
Corp., 160 Oak St., Newton Upper
Falls, Mass.
Corrucrape—Cincinnati Industries, Inc.,
509 Station Ave., Cincinnati Is, Ohio.
Cot-Ton Ribbon—Fibre Corp. Ribbon
Div., Kary-Safe Paper Co., Inc., 755
East 134 St., New York 54, N. Y.
Counterboy—Better Packages, Inc., 255
Canal St., Shelton, Conn.
Cretonne—The Marvellum Co., Holyoke,
Mass.

Cretonne—The Marvellum Co., Holyoke, Mass.
Crinkle Cups—Oldmill Paper Products Corp., 33rd St. and Skillman Ave., Long Island City, N. Y.
Crinkle-Tie—Chicago Printed String Co., 2320 W. Logan Blvd., Chicago, Ill.
Crystal—McLaurin-Jones Co., Brookfield, Mass.
Crystalene—Blossom Mfg. Co., New York 10, N. Y.
Crystalion—Riegel Paper Co., 342 Madison Ave., New York 17, N. Y.
Crystal-Pak—Transparent Specialties Mfg. Co., 1120 Carnegie Ave., Cleveland 15, Ohlo.
Crysta Sheen—Diana Manufacturing Co., Green Bay, Wisconsin.

Damask Box Paper—Hampden Glazed Paper & Card Co., Holyoke, Mass, Dapplewove Box Paper—Hampden Glazed Paper & Card Co., Holyoke, Decalabels—Dennison Mfg. Co., Framingham, Mass.
Deco Pad.—George H. Sweetnam, Inc., 286 Portland St., Cambridge 41, Mass.
Desiccite No. 25—Filtrol Corporation, 727 W. 7th St., Los Angeles 14, Calif.
Desiccite Dehydrating Agent—Prior Chemical Corp., 420 Lexington Ave., New York 17, N. Y.
Diafane Papers—Riegel Paper Corp., 342 Madison Ave., New York 17, N. Y.
Diagonals—Chas. W. Williams & Co., Inc., 303 Lafayette St., New York, N. Y.
D-O-K—Kalamazoo Vegetable Parchment Co., Kalamazoo, Mich.

N.Y. -O-K—Kalamazoo Vegetable Parch-ment Co., Kalamazoo, Mich. olite, Doplex, Doubledge—The Do-beckmun Co., 3301 Monroe Ave.,

ment Co., Kalamazoo, Mich.

Dolite, Doplex, Doubledge—The Dobeckmun Co., 3301 Monroe Ave.,
Cleveland, Ohio.

Dri-Ink Transparent Color—Floquil
Products, Inc., 1993 Broadway, New
York 23, N. Y.

Dry-Hesive—Gummed Tape & Devices
Co., 1318 69th St., Brooklyn 19, N. Y.

Dulux—E. I. Dupont De Nemours &
Co., Inc., "Cellophane Division," Wilmington, Del.

Dukutone—Chas. W. Williams & Co.,
Inc., 303 Lafayette St., New York,
N. Y.

N.Y.
Dura-Glas—Owens-Illinois Glass Co.,
Toledo, Ohio.
Durapak—Paterson Parchment Paper
Company, Bristol, Pa.
Duro-Seal—Zimmer Paper Products,
1450 E. 20th St., Indianapolis 20, Ind.

E-Z Slip Paper Cups—C. E. Twombly Co., 146 Mystic Ave., Medford 55, Mass.

E-Z Stick-On Ribbon Bows—Rainbow Ribbons & Fabrics, Inc., 404 E. 108th St., New York, N. Y. Econopac—Milprint, Inc., 431 W. Florida St., Milwaukee 1, Wis. Elco—M. H. Levine Co., Inc., 28-32 W. 27th St., New York 1, N. Y. 21th St., New York 1, N. Y. Elec-Tri-Pak—Triangle Package Machinery Co., 904 N. Spaulding Ave., Chicago, Ill.

Engineered Precision—Gardner-Richardson Co., Midland, Mich. Eye-O-Matio—The United States Printing & Lithograph Co., Beech St., Cincinnati 12, Ohio.

Everware Dipping Paper—McLaurin-Jones Co., Brookfield, Mass.

Excelio—United Merchants & Manufacturers, Inc., 210 Fifth Ave., New York, N. Y.

Fabricoid—E. I. du Pont de Nemours & Co., Inc., Wilmington, Del.
Fast-To-Light Labels—Wyomissing Glazed Paper Co., 17 S. Second Ave., West Reading, Pa.
FCC "Sparkling"—Fibre Cord Div. Kary-Safe Paper Bag Co., Inc., 755
East 134th St., New York 54, N. Y.

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National Host Bags—Reynolds Metals
Co., Federal Reserve Bank Bldg.,
Richmond, Va.
Nafomatic—National Folding Box Co.,
New York.
Nesco Containers—National Enameling
& Stamping Co., 270 N. 12th, Milwaukee, Wis.
Nu-Craft, Nu-Curve, Nu-Trim—Sherman Paper Products Corp., 160 Oak
St., Newton Upper Falls, Mass.

Obaco—National Folding Box Co., New York, N. Y. Olin Cellophane & Polyethylene—Olin Film Division, New York 21, N. Y. Opex—National Folding Box Co., New York, N. Y.

Packette—Newark Paraffin & Parchment Paper Co., 50 Jelliff Ave., Newark 8, N. J.
Packomatic—J. L. Ferguson Co., Rte 52 at Republic Ave., Joliet, Ill.
Padocel—Geo. H. Sweetnam, Inc., 282
Portland St., Cambridge 41, Mass.
Padox—Union Wadding Co., 125 Goff Ave., Pawtucket, R. I.
Padsit—Geo. H. Sweetnam, Inc., 286
Portland St., Cambridge 41, Mass.
Paksure—Packaging Div., E. W. Twitchell, Inc., 2801 N. 3rd St., Philadelphia 20, Pa.
Palmiac Display Material—Palm Brothers Decalcomania Co., 3729 Regent Ave., Cincinnati 12, O.
Paperglass—Westfield River Paper Co., Inc., Russell, Mass.
Papyrus Box Paper—Hampden Glazed Paper & Card Co., Holyoke, Mass.
Parafoil—Newark Paraffine & Parchment Paper Co., 50 Jelliff Ave., Newark 8, N. J.
Para-a-glo—The Lord Baltimore Press, 1601 Edison Highway, Baltimore 13, Md.
Para-a-vel—The Lord Baltimore Press, 1601 Edison Highway, Baltimore 13, Para-a-vel—The Lord Baltimore Press, 1601 Edison Highway, Baltimore 13, Para-a-vel—The Lord Baltimore Press,
1601 Edison Highway, Baltimore 13,
Md.
Patapar—Paterson Parchment Paper
Co., Bristol, Pa.
Paxwell—American Lace Paper Co.,
4425 N. Port Washington Ave., Milwaukee 12, Wis.
Perfect-O-Cut—The Tablet & Ticket
Co., 1021 W. Adams St., Chicago, Ill.
Perlacal—Rapinwax Paper Co., 150 26th
Ave., Minneapolis 14, Minn.
Pervenac—Nashua Corp., 44 Franklin
St., Nashua, N. H.
Permacel Tapes—Industrial Tape Corp.,
New Brunswick, N. J.
Plastacele—E. I. du Pont de Nemours
& Co., Inc., Arlington, N. J.
Plastacele—E. I. du Pont de Nemours
& Co., Middletown, Ohio.
Pilobond—The Goodyear Tire & Rubber Co., Pliofilm Div., Akron 16, Ohio.
Pliolux—Rhinelander Paper Co., Rhinelander, Wis.
Pliolux—Rhinelander Paper Co., Rhinelander, Wis.
Pliolux—Rhinelander Paper Co., Rhinelander, Wis.
Pliolystik Labels—Tompkins' Label Servloce, Frankfort at Allegheny Ave.,
Philadelphia 34, Pa.
Pony Labelrite—New Jersey Machine
Corp., 1650 Willow Ave., Hoboken,
N. J.
Porslin—Matthias Paper Corp., Philadelphia 22, Pa. Corp., 1650 Willow Ave., Hoboken, N. J.
Porslin-Matthias Paper Corp., Philadelphia 22, Pa.
Prac-Decal—The Meyercord Co., 5323
W. Lake St., Chicago, Ill.
Pres-It-On-Paramount Paper Products Co., Omaha 11, Neb.
Pres-to-seal—Tompkins' Label Service, Philadelphia 34, Pa.
Promset 201—Mid States Gummed Paper Co., Bedford Park, Ill.
Protecto-wrap—Kehr Products Co., 401
No. Broad St., Philadelphia 8, Pa.
Protex-American Excelsior Corp., 1600
No. Halsted St., Chicago 22, Ill.
Protex Layer Board—American Lace
Paper Co., 4425 N. Port Washington
Rd., Miwaukee 12, Wis.
Protecta-Wrap—Kehr Products Co., 401
N. Broad St., Philadelphia 8, Pa.
Proto-Wrap—Kehr Products Co., 402
No. Broad St., Philadelphia 8, Pa.
Proto-Wrap—Kehr Products Co., 429
No. Broad St., Philadelphia 8, Pa.
Proto-Wrap—Kehr Products Co., 429
No. Broad St., Philadelphia 8, Pa.
Pulpco—Pulp Reproduction Co., 3000
W. Clarke St., Milwaukee 45, Wis.

Qualatex Balloons—The Pioneer Rubber Co., Willard, O. Quicktop—National Folding Box Co., New York, N. Y.

Rayon Box Covers—The Marvellum Co., Rayon Box Covers—The Marvellum Co., Holyoke, Mass.
Kary-Safe Paper Co., Inc., 755 Eeast 134 St., New York 54, N. Y.
Red Core—Rexford Paper Co., 1715 Canal St., Milwaukee 3, Wis.
Reddirap—Riegel Paper Corp., 342 Madison Ave., New York 17, N. Y.
Red-E-Labels—Ever Ready Label Corp., Belleville 9, N. J.
Red-E-Stik—Ever Ready Label Corp., 357A Cortlandt St., Belleville 9, N. J.
Redwood—Log Cabins—Golden State Box Factory, 1200 E. 8th St., Los Angeles 21, Calif.
Reflectone—Wyomissing Glazed Paper Co., 17 S. Second Ave., W. Reading, Pa.

Pa.
Resinox—Monsanto Chemical Co., Plastics Div., Springfield, Mass.
Respiro-Pak—Cello-Masters, Inc., 1155
Randall Ave., New York 59, N. Y.
Retlaw—Packaging Div., E. W. Twitchell Inc., 2801 N. 3rd St., Philadelphia 20, Pa.
Revelation—Milprint, Inc., Milwaukee
1, Wis.
Riegaline—Riegal

I, Wis.
Riegeline—Riegel Paper Corp., 342
Madison Ave., New York 17, N. Y.
Riegelite—Riegel Paper Corp., 342 Madison Ave., New York 17, N. Y.
Rite-Price—Oneida Paper Products,
Inc., 10 Clifton Blvd. Clifton, N. J.
Riteway—Gaylord Container Corp., 111
N. Fourth St., St. Louis 2, Mo.
Robo-Wrap—Lynch Corporation, Anderson, Ind.
Royal-Velvet—Matthias Paper Corp., 165 W. Berks St., Philadelphia 22, Pa.

Saftee—Standard Paper Co., Inc., 20
Granger St., Bellows Falls, Vt.
Sales Maker Candy Case—Syndicate
Glass, Inc., Indianapolis, Ind.
Sales-Master Wall Cases—The Columbus Show Case Co., 850 W. 5th Ave.,
Columbus, Ohio.
Saniclear and Sanopaque—Saniwax Paper Co., 436 N. Park St., Kalamazoo
il, Mich.
Saran—Dow Chemical Co., Midland,
Mich.
Saxmayer—National Rundle Trees Co.

Mich.
Saxmayer—National Bundle Tyer Co.,
Blissfield, Mich.
Sealtak—Van Cleef Bros., 7800 Woodlawn Ave., Chicago, Ill.
See-Safe Plastic Bags—Mehl Mfg. Co.,
2057 Reading Road, Cincinnati 2,

2057 Reading Road, Cincinnati 2, Ohio.
See-Thru—Geo. V. Clark Co., Inc., 26-15
Fourth Street, Astoria 2, N. Y.
Sellorap—Rapinwax Paper Co., 180 26th
Ave., Minneapolis 14, Minn.
Selmor—Hinde Dauch Paper Co., Sandusky, Ohio.
Serv-O-Wrap—Milprint, Inc., 4200 N.
Holton St., Milwaukee 1, Wis.
Showbag, Showbox—Central States Paper & Bag Co., 5221 Natural Bridge, St. Louis 15, Mo.
Silfoil Box Paper—Nashua Gummed & Coated Paper Co., Nashua, N. H.
Silray—The Marvellum Co., Holyoke, Mass.

Silray—The Marvellum Co., Holyoke, Mass.

Silvergloss—The Marvellum Co., Holyoke, Mass.

Silverlite—Louis Dejonge & Co., 345
Broadway, New York 13, N. Y.

Sim-Pac—Paper Package Co., 800 S.
Delaware St., Indianapolis 6, Ind.

Slide-Offs—Palm Brothers Decalcomania Co., 3729 Regent Ave., Cincinnati 12, O.

Silde-Vu Boxes—Plastic Artisans, Inc., 70 Westchester Ave., White Plains, N. Y.

Snopague—Riegel Paper Co., 342 Madi-

N. Y.

Snopaque—Riegel Paper Co., 342 Madison Ave., New York 17, N. Y.

Snowdrift Glassine—Rhinelander Paper Co., Rhinelander, Wis.

Snowflake Box Wadding—American Lace Paper Co., 4425 N. Port Washington Rd., Milwaukee 12, Wis.

Solo Paper Cups—Paper Container Mfg.
Co., 28 East Jackson Blvd., Chicago 4, Ill.

Sparkle Carbion—The Shaymen Paper

Sparkle Carbion—The Sherman Paper Products Corp., Newton, Mass. Speed-O-Rolls—Ever Ready Label Corp., 357 Cortlandt St., Belleville 9, N. J.

N. J.
Speedway—Ever Ready Label Corp.,
Belleville 9, N. J.
Sphinx—Arabol Mfg. Co., 110 E. 42nd
St., New York 17, N. Y.
Sta-Ahead—Gummed Tape—Devices
Co., 1218 60th St., Brooklyn 19, N. Y.
Stannyn Tinfoll Substitute—Kupfer
Bros. Co., 2 Astor Pl., New York 3,
N. Y.

h. 1. tapak—Continental Can Co., Inc., Pa-per Converting Division, 100 E. 42nd St., New York 17, N. Y.

Stek-O Paste Clark Stek-O Corp., Stek-O Hill, Rochester 15, N. Y. Stik-On-Milprint, Inc., 4200 N. Holton, Milwaukee 8, Wis. Stonewall Brand Cartons—Stone Container Corp., 4200 W. 42nd Place, Chicago 32, Ill. Stratus Box Paper—Hampden Glazed Paper & Card Co., Holyoke, Mass. Strongtop—Melrose Packaging, 814 W. Ann's Ave., New York, N. Y. Styron—Dow Chemical Co., Midland, Mich. Super Seal—Hartford City, Page 15, N. Y. Super Seal—Hartford City, Page 15, N. Y.

Mich Super Seal—Hartford City Paper Co., Hartford City, Ind.
Sweetone Paper Products Line—Geo. H. Sweetone, 1617 Pennsylvania Div., American Viscose Corp., 1617 Pennsylvania Blvd., Philadelphia, Pa. Sylphrap—Sylvania Div., American Viscose Corp., 1617 Pennsylvania Blvd., Philadelphia, Pa. Syntran—Palm, Fechteler & Co., 220 W. 42nd St., New York 18, N. Y.

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Taylor-Made Boxes—Taylor Box Co., 73 Eagle St., Providence 9, R. I. Telestop—National Folding Box Co., 78 Eagle St., Providence 9, R. I. Telestop—National Folding Box Co., New York, N. Y.

Texcel Cellophane Tape—Industrial Tape Corp., New Brunswick, N. J.
Thermo-Sealer—Wells Mfg. Co., 222 Ninth St., San Francisco, Calif.
Thistledown Brocade Box Paper—Hampden Glazed Paper & Card Co., Holyoke, Mass.
Tile-Brite—Wm. E. Wright & Sons Co., West Warren, Mass.
Tile-Brite—Wm. E. Wright & Sons Co., West Warren, Mass.
Tone-Craft.—Sherman Paper Product Corp., 160 Oak St., Newton Upper Falls, Mass.
Topad—Union Wadding Co., 125 Goff Ave., Pawtucket, R. I.
Toteline—Molded Fiberglas Tray Co., Linesville, Pa.
Toyco Advertising Specialists—Toycraft Rubber Co., East 7th St., Ashland, Ohio.
Tran-Cel-Seal—Gummed Tape & Devices Co., Bush Terminal Bidg., 7, Brooklyn, N. Y.
Transaen—Newark Paraffine & Parchment Paper Co., 50 Jelliff Ave., Newark 3, N. Y.
Transac—Palm, Fechteler & Co., 220 W. 42nd St., New York 18, N. Y.
Trojan—The Gummed Products Company, Troy, Ohio.
Trycite—Dow Chemical Co., Midland, Mich.
Tymatic—Burlington Mills, Ribbon Div., 26 W. 40th St., New York 18, N. Y.
Tyning Co., 20 W. 42th St., New York 18, N. Y.
Trojan—The Gummed Products Company, Troy, Ohio.

Tymatic—Burlington Mills, Ribbon Div., 26 W. 40th St., New York 18, N. Y.

Vapotex Cartons—Interstate Folding
Box Co., Middletown, O.
View-Fold—National Folding Box Co.,
New York, N. Y.
Vinylite—Bakelite Div., Union Carbide
& Carbon Corp., 30 East 42nd St.,
New York 17, N. Y.
Visowrap—The Dobeckmun Co., 3301
Monroe Ave., Cleveland, Ohio.
Vis Queen Film—The Visking Corp.,
Terre Haute, Ind.,
Vis-Pak-J. E. Plastics Mfg. Co., 555
W. 23d St., New York 11, N. Y.
Vue-Matic—Crompton-Schoettle, Inc.,
145 W. Columbia Ave., Philadelphia
22, Pa. 145 W. Columbia Arts, 22, Pa. 22, Pa. Vuepak—Monsanto Chemical Co., 1700 S. Second St., St. Louis 4, Mo. Vu-Lockbox—Plastic Artisans, Inc., 70 Westchester Ave., White Plains, N. Y. Vu-Pac—cartons—Gordon Cartons, Inc., 1629 Warner St., Baltimore 30, Md.

W

Waregold Box Paper—McLaurin-Jones Co., Brookfield, Mass. Wavee—Geo. H. Sweetnam, Inc., 282 Portland St., Cambridge 41, Mass. Wax-O-Lite—Dlamond-T Waxed Paper Corp., 112 N. May St., Chicago 7, 111. Wedg-Loc Partitions—W. J. Bradford Paper Co., 3742 S. Ashland Ave., Chi-cago 9, Ill. Welbro—Welnman Brothers, Inc., Chi-cago 51, Ill. Weibro—Weinman Brothers, Inc., Chicago 51, Ill.
Worthy—W-E-R Ribbon Corp., 440
Fourth Ave., New York 16, N. Y.
Westline Products—Western Lithograph Co., Los Angeles, Calif.
Wind-O-Band—E. I. du Pont de Nemours & Co., Inc., Wilmington, Del.
Zip-Tape—The Dobeckmun Co., 330
Monroe Ave., Cleveland, Ohio.

Geographical Index

of the Leading Confectionery Supply Firms which are co-operating with the Confectionery Industry through this issue.

T HE following confectionery supply firms are using advertising space in this issue. The main offices and branch offices of these firms are listed geographically.

CALIFORNIA

Ambrosia Chocolate Co. Los Angeles San Francisco

The Best Foods, Inc. San Francisco

Bradshaw-Praeger & Co. c/o Cole and DeGraf, 417 Market St., San Francisco c/o Hathaway Allied Products Co. 2024 Westgate Ave., Los Angeles

Jabez Burns & Sons, Inc. Los Alto

Burrell Belting Co. San Francisco

California Almond Growers Exchange 1802 C Street, Sacramento

Clinton Corn Processing Co. Los Angeles San Francisco

H. S. Crocker Company 1000 San Mateo Ave., San Bruno

Daniels Mfg. Co. Los Angeles

Dodge & Olcott, Inc. 908 S. Olive St., Los Angeles 15

Durkee Famous Foods Berkeley

Felton Chemical Company, Inc. Los Angeles

Florasynth Laboratories, Inc. 2309 E. 8th St., Los Angeles 21 383 Brannan St., San Francisco

Fritzsche Bros., Inc. 395 Monadnick Bidg., San Francisco 5 816 W. 8th St., Los Angeles 17

J. W. Greer Co. San Francisco

Hontz Machine Co. 7101 Eighth Ave., Los Angeles

The Hubinger Co. 4814 Loma Vista Ave., Los Angeles 58

H. Kohnstamm & Co., Inc. 2632 E. 54 St., Huntington Park Los Angeles 11 c/o Encinal Terminal, Alameda

Merek & Co., Inc. Los Angeles San Francisco

Merckens Chocolate Co. Los Angeles

Milprint, Inc.
Los Angeles
San Francisco
National Aniline Division
Los Angeles
San Francisco

The Nestle Co., Inc. 1801 E. Olympic Blvd., Los Angeles 2 461 Market St., San Francisco 5 Nulomoline Div., Amer. Molasses Co. 751 Terminal St., Los Angeles 21 San Francisco

Package Machinery Company Los Angeles San Francisco

Chas. Pfizer & Co., Inc. San Francisco Vernon

A. E. Staley Mfg. Co. 105 Spreckels Bldg., #2 Pine St., San Francisco

Wm. J. Stange Co. 8140 Baldwin Street, Oakland 21

Sterwin Chemicals, Inc. Los Angeles San Francisco

George H. Sweetnam, Inc. Oakland

Vacuum Candy Mehy. Co. P. O. Box 2128, Hollywood 28

Voss Belting & Specialty Co. Hollywood 28

Wear-Ever Aluminum, Inc. Los Angeles San Francisco

COLORADO

Daniels Mfg. Co. Denver The Nestle Co., Inc. 1724 Fifteenth St., Denver Package Machiney Company

DELAWARE

Du Pent Wilmington

FLORIDA

The Nestle Co., Inc. 657 East Bay St., Jacksonville 1

GEORGIA

Ambresia Checelate Co.
Atlanta
Burrell Belting Co.
Atlanta
Clinton Corn Processing Co.
Atlanta
Dodge & Olcott, Inc.
735 Spring St., N.W., Atlanta 3
Felton Chemical Company, Inc.
Atlanta

Fritzsche Bros., Inc. 403 W. Ponce de Leon Ave., Decatur

H. Kohnstamm & Co., Inc. P. O. Box 96, Station A National Aniline Div., Allied Chemical & Dye Corp. Atlanta

The Nestle Co., Inc. 75 Eighth St., N.E. Atlanta Package Machinery Company

Atlanta Chas. Pfizer & Co., Inc. Atlanta

A. E. Staley Mfg. Co. 1616 Rhodes Haverty Bldg., Atlanta

Sterwin Chemicals, Inc. Atlanta

Tompkins' Label Service Atlanta

Wear-Ever Aluminum, Inc. Atlanta

ILLINOIS

Acme Coppersmithing Co. 2535 W. Maypole Ave., Chicago 12 Ambrosia Chocolate Co. 210 E. Ohio St., Chicago Anheuser-Busch, Inc. 750 S. Clinton St., Chicato 6

The Best Foods, Inc. Chicago

Blumenthal Bros. Chocolate Co. 2516 W. Peterson Ave., Chicago 45, Ill.—Hobart J. Thurber Co.

Bradshaw-Praeger Company 3248 W. 47th Place, Chicago 32

Brewers Yeast Council, Inc. 605 N. Michigan Ave., Chicago 11

Burke Products Co. 317 W. Hubbard St., Chicago 10

Jabez Burns & Sons, Inc. Chicago

Burrell Belting Co. 7501 N. St. Louis Ave., Skokie

California Almond Growers Exchange 549 W. Randolph St., Chicago

Chocolate Spraying Co., Inc. 2035-39 W. Grand Ave., Chicago 12 J. L. Clark Manufacturing Co. 2300 Sixth St., Rockford

Clinton Corn Processing Co. Chicago

Confection Machine Sales Co. 407 S. Dearborn St., Chicago 5

Daniels Mfg. Co. Chicago

Diamond Cellophane Products 74 E. 28th St., Chicago 16

Dedge & Olcott, Inc. 308 W. Randolph, Chicago 6

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Corp., Y. Holton, e Con-Place, Glazed Mass. 814 W.

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Y. 220 Y. Co.,

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Durkee Famous Foods Chicago

Felton Chemical Company, Inc. Chicago

Food Materials Corp. 2521 W. 48th St., Chicago 32

Florasynth Laboratories, Inc. 600-610 W. Monroe St., Chicago

Fritzsche Bros., Inc. 118 W. Ohio St., Chicago 10

J. W. Greer Co. Chicago

Gunther Products, Inc. 600 East Main St., Galesburg Chicago

The Hubinger Co. 601 Main St., Keokuk, Ia.

Walter Kansteiner Co. 1737 W. Howard St., Chicago 26

Knechtel Laboratories 1051 W. Berwyn St., Chicago 40

H. Kehnstamm Co. 11 E. Illinois St., Chicago 11

J. M. Lehmann Company, Inc. Lammert & Mann (service) Wood & Walnut Sts., Chicago

The Manufacturing Confectioner Publishing Co. 418 N. Austin Blvd., Oak Park

Merck & Co., Inc. Chicago

Merckens Chocolate Co. Chicago

Milprint, Inc. Chicago

Murnane Paper Company 1510 N. Kostner Ave., Chicago 51

National Aniline Division Chicago

National Coatings Corp. 340 N. Central Ave., Chicago 44

National Equipment Corp. 167 N. May St., Chicago

National Food Products 26 E. Huron St., Chicago 11

The Nettle Co., Inc. 666 N. St. Clair St., Chicago 11

NuCoat BonBon Co. 4338 N. Western Ave., Chicago 18

Nulomoline Division, American Molasses Co. 330 East No. Water St., Chicago 11

Package Machinery Company Chicago

Chas. Pfizer & Co. Chicago

Savage Bros. 2638 Gladys Ave., Chicago 12 Senneff-Herr Co. 208 4th Ave., Sterling

A. E. Staley Mfg. Co. Chicago 2200 E. Eldorado, Decatur

Wm. J. Stange Co. 342 N. Western Ave., Chicago 12

Sterwin Chemicals, Inc. Evanston

George H. Sweetnam, Inc. Chicago

Vacuum Candy Machinery Co. 2734 No. Janssen, Chicago Verona-Pharma Chemical Corp., Aromatics Div. 1210 Rosedale Ave., Chicago

Visking Corp. 6733 W. 64th St., Chicago

Voss Belting & Specialty Co. 5647 N. Ravenswood Ave., Chicago 26

Wear-Ever Aluminum, Inc. Chicago

William Zinsser Co., Inc. 319 North Western Ave., Chicago 12

Wood & Selick Coconut Co., Inc. 161 E. Grand Ave., Chicago

INDIANA

The Nestle Company, Inc. Indianapolis

IOWA

Clinton Corn Processing Co. Clinton

The Hubinger Company Keokuk

KENTUCKY

Durkee Famous Foods Louisville

The Nestle Company, Inc. Louisville

LOUISIANA

Florasynth Laboratories, Inc. 123 Crossman St., New Orleans 16

H. Kohnstamm & Co., Inc. 509 Poydras St., New Orleans 12 Nulomoline Div., Amer. Molasses Co. 801 Hibernia Bank Bldg., New Orleans 12

MAINE

Nulomoline Div., Amer. Molasses Co. Portland

MARYLAND

H. Kohnstamm & Co., Inc. 315 Guilford Ave., Baltimore 2 The Nestle Company Baltimore

Wood & Selick Inc. c/o Ferris-Noeth-Stern Co., 714 E. Pratt St., Baltimore 2

MASSACHUSETTS

Clinton Corn Processing Co. Boston

Dodge & Olcott, Inc. Park Square Bldg., Boston 16

Felton Chemical Company, Inc. Boston

Fritzsche Bros., Inc. 616 Washington St., Norwood J. W. Greer Co. Eames St., Wilmington

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Gunther Products, Inc. Boston

The Hubinger Co. Boston

H. Kohnstamm & Co., Inc. 15 Elkins St., Boston 27 Merck & Co., Inc.

Boston
Merckens Chocolate Co.
Sommerville 43

Mill River Tool Co. 38 Cass St., Springfield Milprint. Inc.

Boston
National Aniline Division
Boston

The Nestle Co., Inc. 678 Massachusetts Ave., Cambridge

Nulomoline Div., Amer. Molasses Co. 131 State St., Boston 9

Package Machinery Company E. Longmeadow, Boston

A. E. Staley Mfg. Co. 803 Summer St., South Boston

George Sweetnam, Inc. 282 Portland St., Cambridge 41 Tompkins' Label Service Boston

Vacuum Candy Machinery Co. 33 Central Wharf, Boston

Voss Belting & Specialty Co. West Newton 65

Wear-Ever Aluminum, Inc. Boston

MICHIGAN

Felton Chemical Company, Inc. Detroit

Florasynth Laboratories, Inc. 6432 Cass Ave., Detroit 2

Foote & Jenks Jackson

H. Kohnstamm & Co., Inc. 1627 W. Fort St., Detroit 16

The Nestle Co., Inc. 1627 W. Fort St., Detroit 16

George H. Sweetnam, Inc. Detroit

MINNESOTA

Ambrosia Chocolate Co. Minneapolis

Bradshaw Praeger & Co. c/o Lyons Chemicals, Inc., 2305 Hampden Ave., St. Paul

Clinton Corn Processing Co. Minneapolis

Florasynth Laboratories, Inc. Minneapolis

H. Kohnstamm & Co., Inc. 6 E. Hennepin Ave., Minneapolis 1

Sterwin Chemicals, Inc. Minneapolis

Merck & Co., Inc. Minneapolis

The Nestle Co., Inc. 903 Wesley Temple, Minneapolis 3

MISSOURI

Ambrosia Chocolate Co. St. Joseph St. Louis

Anheuser-Busch, Inc. 721 Pestalozzi St., St. Louis 18

Blanke Baer Extract & Preserving Co. 3224 S. Kingshighway, St. Louis 9

Clinton Corn Processing Co. Kansas City

Felton Chemical Company, Inc. St. Louis

Florasynth Laboratories, Inc. 406 Market St., St. Louis 2 5 Carr St., St. Louis 2

Dodge & Olcott, Inc.

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Fritzsche Bros., Inc. 8032 Forsythe Blvd., St. Louis 5 9792 Clayton Rd., St. Louis 17

H. Kohnstamm & Co., Inc. 2347 Rutgers St., St. Louis 4 933 Mulberry St., Kansas City 1

The Nestle Co., Inc. 928 Spruce St., St. Louis 2

Merck & Co., Inc. St. Louis

Package Machinery Company Kansas City

A. E. Staley Mfg. Co. 1238 Board of Trade Bldg., Kansas City 703 Continental Bldg. 3615 Olive St., St. Louis

Sterwin Chemicals, Inc. Kansas City

George H. Sweetnam, Inc. St. Louis

Wear-Ever Aluminum, Inc. Kansas City

MONTANA

Ambrosia Chocolate Co. Billings

NEBRASKA

H. Kohnstamm & Co., Inc. 1307 Leavenworth St., Omaha 8

NEW JERSEY

Buhler Bros., Inc. 130 Coolidge Avenue, Englewood

Carle & Montanari, Inc. 95 Temple Ave., Hackensack

Fred S. Carver, Inc. 1 Chatham Road Summit

W. A. Cleary Corp. P. O. Box 749, New Brunswick

Hansella Machinery Corp. Grand & Ruby Aves., Palisades Park

Hooten Chocolate Co. Newark 7

J. M. Lehmann Co., Inc. 550 New York Ave., Lyndhurst

Merck & Co., Inc. Rahway Teterboro The Nestle Co., Inc.

300 Broadway, Camden 3

Pulverizing Machinery 61 Chatham Road, Summit Wm. J. Stange Co.

207-19th Ave., Paterson Supermatic Packaging Corp. 1460 Chestnut St., Hillside

Verona-Pharma Chemical Corp., Aromatics Div. 26 Verona Ave., Newark

NEW YORK

Ambrosia Chocolate Co. **New York City**

American Molasses Company 120 Wall St., New York 5

Amsee Packaging Machinery, Inc. 31-31 48th Ave., Long Island City 1.

Aromanilla Company, Inc. 6 Varick Street, New York 13 Baywood Mfg. Co., Inc. 2753 Stillwell Ave., Brooklyn 24

The Best Foods Co., Inc. New York City

Blumenthal Bros. Chocolate Co. 250 W. 57th St., New Work 19, N.Y. J. & C. Pariente

Brazil Nut Advertising Fund 100 Hudson St., New York 13

C. W. Burckhalter, Inc. 156 Franklyn St., New York 13

Jabez Burns & Sons, Inc. 11th Avenue at 43rd St., New York

Burrell Belting Co. New York City

California Almond Growers Exchange 100 Hudson St., New York

Chocolate Spraying Co. 152 W. 42nd St., New York 18 Clinton Corn Processing Co. New York City

Cooper Paper Box Co. 19 Hardwood Place, Buffalo 10 Corn Products Sales Co. 17 Battery Place, New York 4

Dodge & Olcott, Inc. 180 Varick St., New York 14

Durkee Famous Foods Jamaica, L. I. New York City

Felton Chemical Co., Inc. 599 Johnson Ave., Brooklyn 37

Florasynth Laboratories, Inc. 900 Van Nest Ave., New York 62

Food Materials Corp. 254 W. 31st St., New York

Foote & Jenks Export Dept. 17 Battery Pl., New York 4

Fritzsche Bros., Inc. 76 Ninth Ave., New York 11

Gunther Products, Inc. New York City

Henningsen, Inc. 347 Madison Ave., New York 17

The Hubinger Co. New York

Hudson-Sharp Machine Co. 55 West 42nd St., New York

I. D. Company 150 Spring St., New York 12

Ideal Wrapping Machine Co. 81 Sprague Ave., Middletown

H. Kohnstamm Co. 83-93 Park Place, New York 7

Merckens Chocolate Co. 155 Great Arrow Ave., Buffalo 7 New York City

Milprint, Inc. New York City

National Aniline Division 40 Rector St., New York 6

National Equipment Corp. 153 Crosby St., New York 12

The Nestle Co., Inc.
360 Delaware Ave., Buffalo 2
801 Second Ave., New York 17
555 S. 4th St., Fulton
2 William St., White Plaines

Nulomoline Div., American Molasses 120 Wall St., New York 5

E. T. Oakes Corporation 26 Commack Road, Islip, L. I.

Package Machinery Company New York

Chas. Pfizer & Co., Inc. 630 Flushing Ave., Brooklyn 6

Emil Pick 80 Wall Street, New York 5

Racine Confectioners' Machinery Co. 15 Park Row, New York-7

Refined Syrups & Sugars, Inc. Yonkers

Sealright Co., Inc. Fulton

John Sheffman, Inc. 152 W. 42nd St., New York 18

A. E. Staley Mfg. Co. 420 Lexington Ave., New York

Standard Brands, Inc. 625 Madison Ave., New York 22

Standard Casing Co., Inc. 121 Spring St., New York 18

Sterwin Chemicals, Inc. 1450 Broadway, New York 18 Buffalo

Sucrest Sugar Div. American Molasses Co. 120 Wall St., New York 5

Sun-Ripe Cocoanut Corp. 79 Wall St., New York 5

Taylor Instrument Companies 95 Ames St., Rochester James Thompson & Co. 112 Prince St., New York 12.

Tompkins' Label Service New York City

Vacuum Candy Machinery Co. 15 Park Row, New York 38

Voss Belting & Specialty Co. 118 E. 28th St., New York 16 Wear-Ever Aluminum, Inc. New York City

Wood & Selick Coconut Co., Inc. 19 Rector St., New York 6

William Zinsser Co., Inc. 516 West 59th St., New York 19

NORTH CAROLINA

National Aniline Div. Allied Chemical & Dye Corp. Charlotte

Nulomoline Div., American Molasses Wilmington

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OHIO

Ambrosia Chocolate Co. Columbus

Bradshaw-Praeger & Co. c/o B. H. Roettker & Co., 1811 Union Central Bldg., Cincinnati c/o Fuller Associates, 616 St. Clair Ave., N.E., Cleveland

Burrell Belting Co. Cleveland

Cincinnati Aluminum Mold Co. 1834 Dana Ave., Cincinnati 7 Cresent Metal Products, Inc. 18901 St. Clair Ave., Cleveland 10.

Daniels Mfg. Co. Akron

Dodge & Olcott, Inc. 621 Evans Street, Cincinnati 4

Durkee Famous Foods 900 Union Commerce Bldg., Cleveland 14

Florasynth Laboratories, Inc. 807 Peoples Bank Bldg., 406 Elm St., Cincinnati 2

Fritzsche Bros., Inc. 2306 Carew Tower, Cincinnati 2 Hamilton Kettles Div. Brighton Corp. 820 State, Cincinnati 4

H. Kohnstamm & Co., Inc.
 1314 Bates Ave., Cincinnati 25
 2775 Pittsburgh Ave., Cleveland 15

The Nestle Co., Inc. 410 Hanny Bldg., Cleveland 15 Columbus

Package Machinery Company Cleveland

Reflecto-Therm Company
26 East University Avenue, Cincinnati 19

A. E. Staley Mfg. Co. 810 Erieside, D.&C. Building, Cleveland

Triumph Manufacturing Co. 3400 Spring Grove, Cincinnati 25

Wear-Ever Aluminum, Inc. Cleveland

OREGON

Ambrosia Chocolate Co. Portland

Clinton Corn Processing Co. Portland

H. Kohnstamm & Co., Inc. 805 Failing Bldg., Portland 4

National Aniline Division Portland

The Nestle Co., Inc. 1238 N.W. Glisan St., Portland 9

Nulomeline Div., American Melasses Co. Portland

Chas. Pfizer & Co. Portland

Sterwin Chemicals, Inc. Portland

George M. Sweetnam, Inc. Portland

PENNSYLVANIA

American Viscose Corp. 1617 Pennsylvania Blvd., Philadelphia 3 Blumenthal Bros. Chocolate Co. Margaret & James Sts.

Clinton Foods, Inc.
Philadelphia

Daniels Mfg. Co.
Philadelphia

Dodge & Olcott, Inc. 503 Arch St., Philadelphia 6

Felton Chemical Company, Inc. Philadelphia

Fritzsche Bros., Inc. 12 S. 12th St., Philadelphia 7

H. Kohnstamm & Co., Inc. Lemuel & Lois Aves., Camden, N. J.

Merck & Co., Inc. Philadelphia Milprint, Inc. Philadelphia

Christiana Molded Fiberglass Tray Co. Erie St., Linesville

National Aniline Division Philadelphia

The Nestle Co., Inc. Rm. 60, P. & L. E. Terminal Annex Bldg., Smithfield & Carson Sts., Pittsburgh 19

A. E. Staley Mfg. Co.
Drexel Bldg., Independence Square,
Philadelphia

George H. Sweetnam, Inc. Philadelphia

Tompkins' Label Service Frankford & Alleghany Aves., Philadelphia 34

Wear-Ever Aluminum, Inc. New Kensington Philadelphia Pittsburgh

Wilbur-Suchard Chocolate Co. Lititz

York Food Machinery Co. Columbia

RHODE ISLAND

National Aniline Div., Allied Chemical & Dye Corp.
Providence

SOUTH CAROLINA

Clinton Corn Processing Co. Greenville

TENNESSEE

Florasynth Laboratories, Inc. 462 Union St., Memphis

TEXAS

Ambrosia Chocolate Co. Dallas

The Best Foods, Inc.

Jabez Burns & Sons, Inc. Dallas

Daniels Mfg. Co. Dallas

Dodge & Olcott, Inc. 318 Cadiz St., Dallas

Florasynth Laboratories, Inc 1910 Commerce St., Dallas

H. Kohnstamm & Co., Inc. 3601 Main St., Dallas 26 2311 Polk Ave., Houston 3 The Nestle Co., Inc. 318 Cadiz St., Dallas 1113 Vine St., Houston 2 Flor

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Package Machinery Company Dallas

Chas. Pfizer & Co. Dallas

Sterwin Chemicals, Inc. Dallas

Wear-Ever Aluminum, Inc. Dallas

VIRGINIA

The Nestle Company, Inc. Richmond

WASHINGTON

Clinton Corn Processing Co. Seattle

H. Kohnstamm & Co., Inc. 1016 First Ave., S., Seattle 4

The Nestle Co., Inc. 3440 E. Marginal Way, Seattle 4

Nulomoline Division, American Molasses Co. Seattle

Package Machinery Company Seattle

A. E. Staley Mfg. Co. Seattle

WISCONSIN

Ambrosia Chocolate Co. 1109 North Fifth St., Milwaukee 3

Clinton Corn Processing Co. Milwaukee

Dairyland Food Laboratories, Inc. 620 Progress Ave., Waukesha

Daniels Mfg. Co. Rhinelander

Hayssen Manufacturing Co. 1305 St. Clair Ave., Sheboygan

Hudson-Sharpe Machine Co. 1207 Main St., Green Bay

Milprint, Inc.
De Pere
4200 N. Holton St., Milwaukee 1

Racine Confectioners' Machinery Co. 16th & Junction Ave., Racine

Rhinelander Paper Co. Rhinelander

Chas. H. Stehling Co. 1303 N. 4th St., Milwaukee 12

Vacuum Candy Machinery Co. 1600 Junction Ave., Racine

Western Condensing Company Appleton

CANADA

Cantab Industries P.O. Box 54, Station Q, Toronto 7, Ontario.

Dodge & Olcott, Inc. Toronto

Felton Chemical Company, Inc. Montreal Florasynth Laboratories (Canada), Ltd. 29 St. Paul St., E., Montreal (Also Toronto, Vancouver, Winnipeg) Fritzsche Bros. of Canada, Ltd. 81 Northine Road, Toronto 16 6999 Cote des Neiges Road, Montreal 26 National Aniline Division Newage Ltd., Toronto 14 Toronto **Nulomoline Limited** 1410 Stanley St., Montreal 2 Package Machinery Company Toronto Wm. J. Stange Co. c/o Stange-Pemberton, Ltd., 295 Seventh Street, New Toronto, On-Stephens Smith & Co. Automatic Machine c/o Cantab Industries, P. O. B. 54, Station "Q", Toronto 7, Ontario Vacuum Candy Machinery Co.

824 Notre Dame St., Montreal

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DENMARK

Mikrovaerk A/S 32-38 Sydmarken, Soborg, Denmark

ENGLAND

Auto Wrappers (norwich) Ltd.
Norwich
Chocolate Spraying Co., Inc.
London
J. W. Greer Co.
London
Stephen Smith & Co., Ltd.

Cubitt Town, London E. 14 FRANCE

Felton Chemical Company, Inc. Versailles

Florasynth Laboratories, Inc. (U. S. & Can. Rep. for Schmoller & Bombard) Grasse

GERMANY

Thouet Maschinenbau Hickelweg 21, Rhineland

HOLLAND

Lenderink & Co., N.V. Westerlade 20, Schiedam

ITALY

Carle & Montanari SA, Milan

MEXICO

Fritzsche Brothers, Inc. Empresa Importadora, S. A. Mesones 24, Mexico D.F.

Package Machinery Company Mexico

Productos y Laboratorios Florasynth Mexico 11, D. F.

Wm. J. Stange Co. Mexico

General Products Index

For the convenience of users of this "Purchasing Executives' Number" of the manufacturing confectioner, a complete index of all products listed in this issue appears on the following pages.

Every effort has been made to include all products used in candy production, packaging, merchandising, and distribution.

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FOR SALE

Bonus Cluster Machine
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20 gal. Model F-6 Savage Tilting
Mixers, copper kettle.
200 lb. Savage Oval Top Marshmallow Beaters.
Cut Bol Creem Center Machines

low Beaters.
Cut-Rol Cream Center Machines.
50" two cylinder Werner Beater.
1000 lb. Werner Syrup Cooler.
200 lb. to 500 lb. Chocolate Melters.
24" and 32" N.E. Enrobers.
Simplex Gas Vacuum Cooker. Simplex Gas Vacuum Cooker.
Simplex Steam Vacuum Cooker.
Savage Cream Vacuum Cooler.
600 lb. Continuous Vacuum Cooker.
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Factory Model American Pullers.
6' and 7' York Batch Rollers.
National Model AB Steel Mogul.
National Wood Starch Buck.
Bausman Twin Disc Refiner Unit

Bausman Twin Disc Refiner Unit.
Ball and Dayton Cream Beaters.
100 gal. Copper Mixing Kettle with
Double Action Agitator.

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350 lb. cap. Resco chocolate melting and tempering kettle.
Hansella batch former.

Hansella sizing unit. We guarantee completely rebuilt.

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Practical candy maker seeks responsible position. Have the "Know How" to manufacture full line of package goods, retail or wholesale. Box 781, The MAN-UFACTURING CONFECTIONER.

around retail candy maker would like position at once in retail or small wholesale establishment. Box 782, The MANUFACTURING CONFECTIONER.

Candy maker with over thirty years experience desires position as an all around retail or wholesale candy man, able to take full charge. Best of references. Box 787, The MANUFACTUR-ING CONFECTIONER.

Situation wanted: Supt. practical candy maker, many years experience with wholesale firms, making bars and super market items. Box 786, The MANUFACTURING CONFECTIONER.

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HELP WANTED

Temporary or permanent services of an experienced practical licorice man re-quired. Reply confidential. Box 785, The

MANUFACTURING CONFECTIONER.

DESIRE CAPABLE candy craftsman as partner for factory superintendent in large North Texas City. \$175,000 potential annual gross. Invest \$8,500 for onethird interest, terms arranged. Must be experienced in finest quality hard candies, hand dipped chocolates, fudges and be congenial disposition. Act immediate-ly, ready for duties by Aug. 1st. Age no factor. Address 783, The MANUFAC-TURING CONFECTIONER.

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Minimum insertion is 3 lines, at 40¢ per line, 80¢ for bold face; not subject to agency dis-

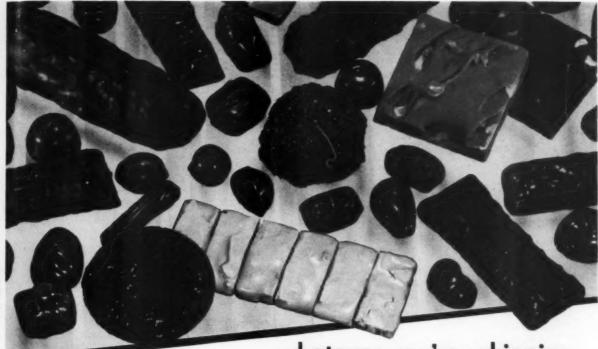
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RAW MATERIALS

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